

## **Bengali**

**Range: 0980–09FF**

### **The Unicode Standard, Version 4.0**

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 4.0*.

Characters in this chart that are new for The Unicode Standard, Version 4.0 are shown in conjunction with any existing characters. For ease of reference, the new characters have been highlighted in the chart grid and in the names list.

This file will not be updated with errata, or when additional characters are assigned to the Unicode Standard. See <http://www.unicode.org/charts> for access to a complete list of the latest character charts.

### **Disclaimer**

These charts are provided as the on-line reference to the character contents of the Unicode Standard, Version 4.0 but do not provide all the information needed to fully support individual scripts using the Unicode Standard. For a complete understanding of the use of the characters contained in this excerpt file, please consult the appropriate sections of The Unicode Standard, Version 4.0 (ISBN 0-321-18578-1), as well as Unicode Standard Annexes #9, #11, #14, #15, #24 and #29, the other Unicode Technical Reports and the Unicode Character Database, which are available on-line.

See <http://www.unicode.org/Public/UNIDATA/UCD.html> and <http://www.unicode.org/unicode/reports>

A thorough understanding of the information contained in these additional sources is required for a successful implementation.

### **Fonts**

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See <http://www.unicode.org/charts/fonts.html> for a list.

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See <http://www.unicode.org/pending/pending.html> and <http://www.unicode.org/unicode/alloc/Pipeline.html>.

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	098	099	09A	09B	09C	09D	09E	09F
0		ঈ 0990	ঊ 09A0	ঋ 09B0	ঌ 09C0		঍ 09E0	঎ 09F0
1	ঁ 0981		ড 09A1		ঢ় 09C1		ণ 09E1	ত 09F1
2	ং 0982		ঢ 09A2	ণ 09B2	় 09C2		ৎ 09E2	র্ 09F2
3	ঃ 0983	ও 0993	ঐ 09A3		়ে 09C3		়ে 09E3	র্ 09F3
4		ঔ 0994	ত 09A4		়ে 09C4			র্ 09F4
5	ত্র 0985	ক 0995	থ 09A5					র্ 09F5
6	আ 0986	খ 0996	দ 09A6	শ 09B6			০ 09E6	৑ 09F6
7	ই 0987	গ 0997	ঘ 09A7	ষ 09B7	ে 09C7	়া 09D7	১ 09E7	। 09F7
8	ঈ 0988	ফ 0998	ম 09A8	স 09B8	ে 09C8		২ 09E8	ন 09F8
9	ে 0989	ঙ 0999		হ 09B9			৩ 09E9	০ 09F9
A	ে 098A	চ 099A	প 09AA				৪ 09EA	ৗ 09FA
B	ঈ 098B	ছ 099B	ফ 09AB		ৌ 09CB		৫ 09EB	
C	ঈ 098C	জ 099C	ব 09AC	় 09BC	ৌ 09CC	ড় 09DC	৬ 09EC	
D		ষ 099D	ভ 09AD	ং 09BD	় 09CD	ঢ 09DD	৭ 09ED	
E		ঞ 099E	য 09AE	়া 09BE			৮ 09EE	
F	এ 098F	ট 099F	ষ 09AF	ি 09BF		য় 09DF	৯ 09EF	

**Based on ISCII 1988****Various signs**

0981	◌̃	BENGALI SIGN CANDRABINDU
0982	◌̣	BENGALI SIGN ANUSVARA
0983	◌̤	BENGALI SIGN VISARGA

**Independent vowels**

0985	অ	BENGALI LETTER A
0986	আ	BENGALI LETTER AA
0987	ই	BENGALI LETTER I
0988	ঈ	BENGALI LETTER II
0989	উ	BENGALI LETTER U
098A	ঊ	BENGALI LETTER UU
098B	ঋ	BENGALI LETTER VOCALIC R
098C	ৠ	BENGALI LETTER VOCALIC L
098D	◌̅	<reserved>
098E	◌̆	<reserved>
098F	এ	BENGALI LETTER E
0990	ঐ	BENGALI LETTER AI
0991	◌̇	<reserved>
0992	◌̈	<reserved>
0993	ও	BENGALI LETTER O
0994	ঔ	BENGALI LETTER AU

**Consonants**

0995	ক	BENGALI LETTER KA
0996	খ	BENGALI LETTER KHA
0997	গ	BENGALI LETTER GA
0998	ঘ	BENGALI LETTER GHA
0999	ঙ	BENGALI LETTER NGA
099A	চ	BENGALI LETTER CA
099B	ছ	BENGALI LETTER CHA
099C	জ	BENGALI LETTER JA
099D	ঝ	BENGALI LETTER JHA
099E	ঞ	BENGALI LETTER NYA
099F	ট	BENGALI LETTER TTA
09A0	ঠ	BENGALI LETTER TTHA
09A1	ড	BENGALI LETTER DDA
09A2	ঢ	BENGALI LETTER DDHA
09A3	ণ	BENGALI LETTER NNA
09A4	ত	BENGALI LETTER TA
09A5	থ	BENGALI LETTER THA
09A6	দ	BENGALI LETTER DA
09A7	ধ	BENGALI LETTER DHA
09A8	ন	BENGALI LETTER NA
09A9	◌̅	<reserved>
09AA	প	BENGALI LETTER PA
09AB	ফ	BENGALI LETTER PHA
09AC	ব	BENGALI LETTER BA = Bengali va, wa
09AD	ভ	BENGALI LETTER BHA
09AE	ম	BENGALI LETTER MA
09AF	য	BENGALI LETTER YA
09B0	র	BENGALI LETTER RA

09B1	◌̅	<reserved>
09B2	ল	BENGALI LETTER LA
09B3	◌̅	<reserved>
09B4	◌̅	<reserved>
09B5	◌̅	<reserved>
09B6	শ	BENGALI LETTER SHA
09B7	ষ	BENGALI LETTER SSA
09B8	স	BENGALI LETTER SA
09B9	হ	BENGALI LETTER HA

**Various signs**

09BC	◌̅	BENGALI SIGN NUKTA • for extending the alphabet to new letters
09BD	◌̅	BENGALI SIGN AVAGRAHA

**Dependent vowel signs**

09BE	◌̅	BENGALI VOWEL SIGN AA
09BF	◌̅	BENGALI VOWEL SIGN I • stands to the left of the consonant
09C0	◌̅	BENGALI VOWEL SIGN II
09C1	◌̅	BENGALI VOWEL SIGN U
09C2	◌̅	BENGALI VOWEL SIGN UU
09C3	◌̅	BENGALI VOWEL SIGN VOCALIC R
09C4	◌̅	BENGALI VOWEL SIGN VOCALIC RR
09C5	◌̅	<reserved>
09C6	◌̅	<reserved>
09C7	◌̅	BENGALI VOWEL SIGN E • stands to the left of the consonant
09C8	◌̅	BENGALI VOWEL SIGN AI • stands to the left of the consonant

**Two-part dependent vowel signs**


*These two-part dependent vowel signs have glyph pieces which stand on both sides of the consonant. These vowel signs follow the consonant in logical order, and should be handled as a unit for most processing.*

09CB	◌̅	BENGALI VOWEL SIGN O ≡ 09C7 ◌̅ 09BE ◌̅
09CC	◌̅	BENGALI VOWEL SIGN AU ≡ 09C7 ◌̅ 09D7 ◌̅

**Various signs**

09CD	◌̅	BENGALI SIGN VIRAMA = hasant (Bengali term for halant)
09CE	◌̅	<reserved>
09CF	◌̅	<reserved>
09D0	◌̅	<reserved>
09D1	◌̅	<reserved>
09D2	◌̅	<reserved>
09D3	◌̅	<reserved>
09D4	◌̅	<reserved>
09D5	◌̅	<reserved>
09D6	◌̅	<reserved>
09D7	◌̅	BENGALI AU LENGTH MARK

**Additional consonants**

- 09DC ঙ BENGALI LETTER RRA  
≡ 09A1 ঙ 09BC ঙ
- 09DD ঠ BENGALI LETTER RHA  
≡ 09A2 ঠ 09BC ঙ
- 09DE  <reserved>
- 09DF য় BENGALI LETTER YYA  
≡ 09AF য় 09BC ঙ

**Generic additions**

- 09E0 ঝা BENGALI LETTER VOCALIC RR
- 09E1 ঞা BENGALI LETTER VOCALIC LL
- 09E2 ঙ্ণ BENGALI VOWEL SIGN VOCALIC L
- 09E3 ঞ্ণ BENGALI VOWEL SIGN VOCALIC LL

**Digits**

- 09E6 ০ BENGALI DIGIT ZERO
- 09E7 ১ BENGALI DIGIT ONE
- 09E8 ২ BENGALI DIGIT TWO
- 09E9 ৩ BENGALI DIGIT THREE
- 09EA ৪ BENGALI DIGIT FOUR
- 09EB ৫ BENGALI DIGIT FIVE
- 09EC ৬ BENGALI DIGIT SIX
- 09ED ৭ BENGALI DIGIT SEVEN
- 09EE ৮ BENGALI DIGIT EIGHT
- 09EF ৯ BENGALI DIGIT NINE

**Bengali-specific additions**

- 09F0 রা BENGALI LETTER RA WITH MIDDLE  
DIAGONAL  
• Assamese
- 09F1 রা BENGALI LETTER RA WITH LOWER  
DIAGONAL  
= BENGALI LETTER VA WITH LOWER  
DIAGONAL  
• Assamese
- 09F2 ৳ BENGALI RUPEE MARK
- 09F3 ৳ BENGALI RUPEE SIGN
- 09F4 ৳ BENGALI CURRENCY NUMERATOR  
ONE  
• not in current usage
- 09F5 ৳ BENGALI CURRENCY NUMERATOR  
TWO  
• not in current usage
- 09F6 ৳ BENGALI CURRENCY NUMERATOR  
THREE  
• not in current usage
- 09F7 ৳ BENGALI CURRENCY NUMERATOR  
FOUR
- 09F8 ৳ BENGALI CURRENCY NUMERATOR  
ONE LESS THAN THE DENOMINATOR
- 09F9 ৳ BENGALI CURRENCY DENOMINATOR  
SIXTEEN
- 09FA ৳ BENGALI ISSHAR