

# Busra - Font Features

Busra is an OpenType-enabled font family that supports the Khmer script. It includes a number of optional features that provide alternative rendering that might be preferable for use in some contexts. The sections below list the details of these features. Whether these features are available to users will depend on both the application and the rendering technology being used. Some applications let the user control certain features such as Character Variants to turn on the rendering of variant characters. However, at this point, most applications do not make use of those features.

See [Using Font Features](#). That page provides a comprehensive list of applications that make full use of the OpenType font technology.

This page uses web fonts (WOFF) to demonstrate font features and should display correctly in all modern browsers. For a more concise example of how to use Busra as a web font see *Busra-webfont-example.html* in the font package web folder.

*If this document is not displaying correctly a PDF version is also provided in the documentation/pdf folder of the release package.*

## User-selected feature list

### Stylistic alternates

#### Variant forms

Affects: U+17B1, U+17B3, U+17CC, U+17D0

Feature	Sample	Feature setting
Standard	ឱ ឌី ក៏ ក៏	ss01=0
Alternate	ឱ ឌី ក៏ ក៏	ss01=1

#### Hooked coengs

Affects: U+17D2

Feature	Sample	Feature setting
Standard	ក្យ ក្យ ក្យ	ss02=0
Alternate	ក្យ ក្យ ក្យ	ss02=1

#### Alternate ka

Affects: U+1780

Feature	Sample	Feature setting
Standard	ក ក កៅ	ss03=0
Alternate	ក ក កៅ	ss03=1

## Alternate muusikatoan placement after -aa and -oo

Affects: U+17C9

Feature	Sample	Feature setting
Standard	កាំ កើ គាំ ឆ្នើ	ss07=0
Alternate	កាំ កើ គាំ ឆ្នើ	ss07=1

## Alternate coeng-Nho

This feature is provided to accommodate historical texts.

Affects: U+17D2 U+1789

Feature	Sample	Feature setting
Standard	ក្ន	ss08=0
Alternate	ក្ន	ss08=1

## Lower vowels following below coengs

Affects: U+17BB, U+17BC, U+17BD, U+17D2

Feature	Sample	Feature setting
Standard	ញុ ប្រុ ស្រុ	ss09=0
Alternate	ញុ ប្រុ ស្រុ	ss09=1

## Alternate samyok sannya and nikahit before -i

This feature supports the Tampuan language.

Affects: U+17C6, U+17D0

Feature	Sample	Feature setting
Standard	ក័ កុំ	ss18=0
Alternate	ក័ កុំ	ss18=1

## Hyphen after ka

This feature turns U+1780 into a hyphen for demonstration purposes.

Affects: U+1780

Feature	Sample	Feature setting
Standard	ក កៅ	ss05=0
Alternate	- កៅ	ss05=1

## Space after ka

This feature turns U+1780 into a space for demonstration purposes.

Affects: U+1780

Feature	Sample	Feature setting
Standard	က ကေါ	ss06=0
Alternate	ၵ ၵေါ	ss06=1

**muusikatoan downshift**

Affects: U+17C9

Feature	Sample	Feature setting
Standard	ဣ ဣ မိ	ss19=0
Alternate	ဣ ဣ မု	ss19=1

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