

Surakarta: A Bitmap Font For Javanese Script

by Matthew Arciniega

Aksara Jawi lan Pasanganipun

හා හ ha = h|H

හි හි හා හා හ iki andhamu

හා හා හා හා හ Radèn Abimanyu

න na = n|N

න wong lanang

න cangkem naga

ආ ca = c|C

ආ bocahé

ආ Pak Cilik

ර ra = r|R

ර nyarèkaken

ර wis rong dina

ක ka = k|K + '

ක kanggo kowé

ක durung diresiki

ද da = d|D

ද damelaken

ද abdidalem

ත ta = t|T + '

ත tumrap

ත santanipun

ස sa = s|S

ස sikilé Mardi

ස wis sakolah

ꦧꦲ	ba = b|B	ꦧꦶꦩꦶꦁꦏꦸꦮꦶ .....blimbing kuwi
		ꦕꦿꦶꦁꦶꦱꦧꦲꦺ .....crigis baé

ꦠꦲ	tha = z|Z	ꦏꦺꦠꦺꦏꦸꦥꦿꦏ .....kethoprak
		ꦥꦿꦧꦸꦪꦸꦢꦶꦱꦠꦶꦂꦲ .....Prabu Yudisthira

ꦒꦲ	nga = f|F	ꦒꦺꦤꦶꦁ .....nanging
		ꦮꦠꦺꦤꦶꦁꦱꦺꦴꦂ .....wates ngisor

Aksara Murda lan Pasanganipun (capitals for proper names and titles)

ꦒꦲꦏꦲ	Na = O-nn OS-n	ꦲꦶꦁꦚꦏꦲꦂꦢꦲHyang Naraddha
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ꦏꦲ	Ka = O-k OS-k	ꦏꦲꦸꦂꦶꦥꦤKahuripan
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ꦠꦲ	Ta = O-t OS-t	ꦧꦸꦠꦺꦂꦺꦁButa Térong
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ꦱꦸꦫꦩꦸꦥꦠꦶ	Sa = O-s S	ꦸꦤꦠꦸꦁꦱꦸꦫꦩꦸꦥꦠꦶUntung Surapati
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ꦥꦸꦱꦺꦝꦸꦩꦶ	Pa = O-p OS-p	ꦥꦸꦱꦺꦝꦸꦩꦶPuserbumi
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ꦚꦲ	Nya = O-x OS-x	ꦚꦲꦶꦏꦶꦢꦸꦭNyai Kidul
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ꦒꦲ	Ga = O-g OS-g	ꦒꦲꦶꦤꦠꦺꦤGada Inten
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ꦧꦲꦂꦶ	Ba = O-b OS-b	ꦧꦲꦂꦶꦢꦸꦂꦲBathari Durga
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Aksara Swara (capital vowels for proper names—cannot be used as pasangan)

ꦱ	A = OS-a	ꦱꦫꦩꦶꦏ Amerika
a kara			
ꦺ	E = OS-e	ꦺꦫꦺꦥ	..... Eropa
e kara			
ꦸ	U = OS-u or fD	ꦸꦤ꧀ꦠꦸꦁꦱꦸꦫꦩꦠ	.... Untung Surapati
u kara			
ꦲ	I = OS-i or b;	ꦲꦶꦁꦒꦫ	..... Inggris
i kara			
ꦺ	O = OS-o or wD	ꦺꦲꦲꦺꦴ	..... Oktober
o kara			

Sandhangan Swara (vowel modifiers)

ꦠꦶ	i = i or I	ꦠꦶꦲ	..... lima
wulu			
ꦱꦸ	u = u	ꦱꦸꦥ	..... kupu
suku			
ꦠꦶꦁ	é/è = e...	ꦠꦶꦁꦠꦲ꦳	..... Baladéwa
taling			
ꦠꦶꦁꦠꦫꦸꦁ	o = e...o	ꦠꦶꦁꦠꦫꦸꦁ	..... roda
taling tarung			
ꦥꦺꦥ	ê = E	ꦥꦺꦥꦠ	..... kêbo
pepet			
ꦥꦫꦏꦺꦴ	rê = O-r|OS-r	ꦥꦫꦏꦺꦴ	..... rêbo
pa ceret			

ꦭꦺ
nga lelet

lê = OS-1
or f + N

ꦭꦺꦩꦶ lêmari

Sandhangan Panyigeging Wanda (for closed syllables)

ꦭꦶ

-r = a

ꦭꦶꦩꦶ Sêmari

layar

ꦭꦶ

-h = 0

ꦭꦶꦒꦲ gajah

wignyan

ꦭꦶ

-ng = A

ꦭꦶꦒꦲ kidang

cecak

ꦭꦶ

. = /

ꦭꦶꦩꦶ macan

pangkon/patèn

ꦭꦶ

êr = 0-ee

ꦭꦶꦩꦶ sawer

pepet+layar

Sandhanganing Wyanjara (Pambukaning Suku)

ꦭꦶ

-ra = [...{

ꦭꦶꦩꦶ cakra

cakra

ꦭꦶ

-ru =]...}

ꦭꦶꦩꦶ krupuk

cakra + suku

ꦭꦶ

-ya = 0-y

ꦭꦶꦩꦶ sanadyan

pengkal

ꦭꦶ

-rê = q

ꦭꦶꦩꦶ dipunsrengeni

keret

Additional Modifiers for Pasangan

Group A	cakra = O-[	pengkal = OS-y	keret = Q	suku = U	cakra+suku = O-]
ra =	—	—	—		—
ka =					
ta =					
la =	—	—	—		—
ya =	—	—	—		—
ga =					
ba =					
Na =					
Ga =					


Group B	cakra = \	pengkal = O-uy	keret = O-q	suku = O-uu	cakra + suku = |
na =					
wa =					
dha =					
ma =					
tha =					
Ka =					


Group C	cakra = OS-[	pengkal = O-uY	keret = OS-q	suku = O-uU	cakra + suku = OS-]
ca =					
ja =					
Nya =					
Ba =					


Group D	cakra = OS-[	pengkal = O-uY	keret = OS-q	suku = O-d	cakra + suku = OS-d
da =					


Aksara Rekan (for words derived from Arabic)

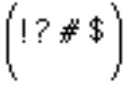
	kh = k + O-;		..... khabar
	f,v = p + O-;		..... faham
	dz = d + O-;		..... dzikir
	z = j + O-;		..... zakat
	gh = g + O-;		..... ghaib

 = < Used to begin paragraphs and all titles and headings in prose writing.
pada adeg-adeg



 = <0< Used at the beginning of prose works.
pada guru



 = > Used at the end of prose works.
pada pancak



 = OS-6 A symbol of respect used at the beginning and end of personal letters. There are three types, the differences signalled by variations in the height of the pasangan *ma* relative to the top of the *nga*: lower height=*pada andhap* (sender of lower status to a receiver of higher status), same height=*pada madya* (sender and receiver of similar status), and higher=*pada luhur* (sender of higher status to a receiver of lower status). Only one form, *pada madya*, is included in this character set.
pada gedhé


= + _ - Other punctuation and arithmetic characters included in this set.

Padaning Tembang (symbols found in tembang)

  = 0-7 Used at the beginning of tembang to express the wish for a successful outcome. The symbols in the middle are an abbreviation of '*baca*', meaning '*baik*'.
purwa pada

  = 0-8 Used in tembang to inform the reader that the end is still some ways off. The symbols in the middle are an abbreviation of '*mandrawa*', meaning '*long*' or '*far*'.
madya pada

  = 0-9 Signals the end of tembang. The symbol in the middle is the vowel '*i*', an abbreviation of '*ITI*', meaning '*tamat*'.
wasana pada