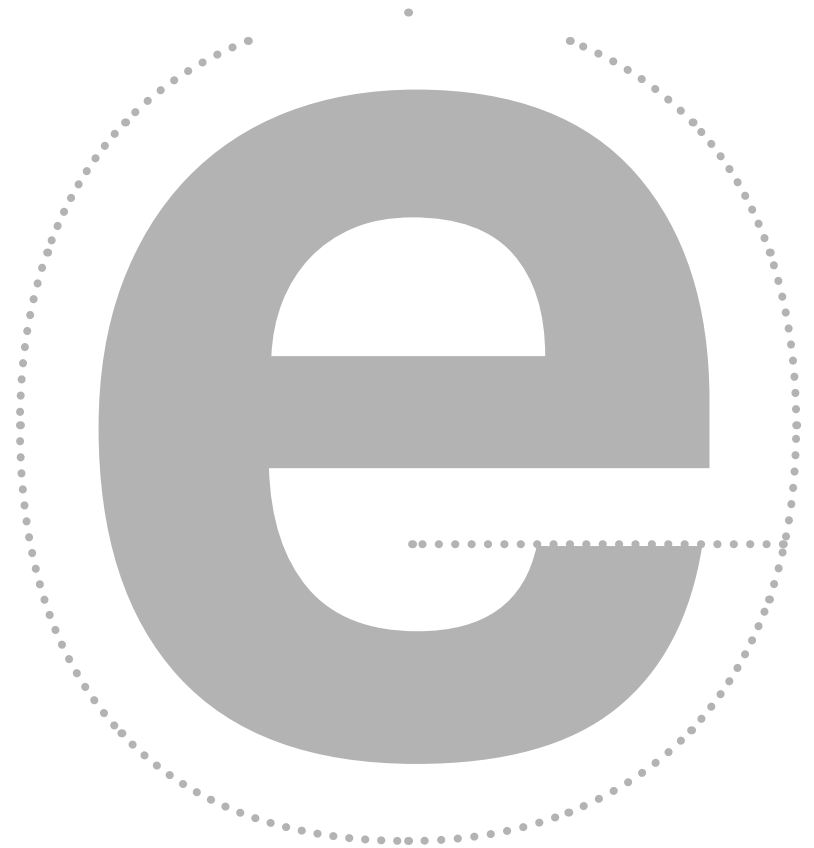


Outils numériques et livres en langues africaines

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Morse



Morse



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Morse

0	████	████	████	████	████
1	●	████	████	████	████
2	●	●	████	████	████
3	●	●	●	████	████
4	●	●	●	●	████
5	●	●	●	●	●
6	████	●	●	●	●
7	████	████	●	●	●

## Codes binaires

0	0000
1	0001
2	0010
3	0011
4	0100

## Codes binaires

0 0000

1 0001

2 0010

3 0011

4 0100

5 0101

6 0110

7 0111

8 1000

9 1001

# Codes binaires

? 1111

# Codes binaires

16 1111

$2 \times 2 \times 2 \times 2$



# Codes binaires

**256      11111111**

16×16

# Codes binaires

65536 11111111 11111111

256×256

# ASCII

## USASCII code chart

					0 0 0	0 0 1	0 1 0	0 1 1	1 0 0	1 0 1	1 1 0	1 1 1	
Bits					Column	0	1	2	3	4	5	6	7
b <sub>4</sub>	b <sub>3</sub>	b <sub>2</sub>	b <sub>1</sub>	Row	0	1	2	3	4	5	6	7	
0	0	0	0	0	NUL	DLE	SP	0	@	P	\	p	
0	0	0	1	1	SOH	DC1	!	1	A	Q	a	q	
0	0	1	0	2	STX	DC2	"	2	B	R	b	r	
0	0	1	1	3	ETX	DC3	#	3	C	S	c	s	
0	1	0	0	4	EOT	DC4	\$	4	D	T	d	t	
0	1	0	1	5	ENQ	NAK	%	5	E	U	e	u	
0	1	1	0	6	ACK	SYN	&	6	F	V	f	v	
0	1	1	1	7	BEL	ETB	'	7	G	W	g	w	
1	0	0	0	8	BS	CAN	(	8	H	X	h	x	
1	0	0	1	9	HT	EM	)	9	I	Y	i	y	
1	0	1	0	10	LF	SUB	*	:	J	Z	j	z	
1	0	1	1	11	VT	ESC	+	;	K	[	k	{	
1	1	0	0	12	FF	FS	,	<	L	\	l		
1	1	0	1	13	CR	GS	-	=	M	]	m	}	
1	1	1	0	14	SO	RS	.	>	N	^	n	~	
1	1	1	1	15	SI	US	/	?	O	_	o	DEL	

ASCII

A 100 0001

ASCII

A 100 0001

$8 \times 16 = 128$

# ISO 646

Codes			Characters for each ISO 646 compatible charset																											
binary	dec	hex	INV	T.61	US	JA	JA-O	KR	CN	TW	IRV	GB	DK	NO	NO-2	FI,SE	SE-C	DE	HU	FR	FR-0	CA-1	CA-2	IE	IS	ita	por	PT	esp	ES
010 0010	34	22	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
010 0011	35	23	█	#	#	#	#	#	#	#	#	£	#	#	§	#	#	#	#	£	£	#	#	£	#	£	#	£	#	#
010 0100	36	24	█	▣	\$	\$	\$	\$	¥	\$	\$	\$	\$	\$	\$	▣	▣	\$	▣	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
010 1001	39	27	'	'	'	'	'	'	'	'	'	'	'	'	'	'	'	'	'	'	'	'	'	'	'	'	'	'	'	'
010 1100	44	2C	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,
010 1101	45	2D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
010 1111	47	2F	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
100 0000	64	40	█	@	@	@	@	@	@	@	@	@	@	@	@	@	É	§	Á	à	à	à	à	Ó	Ð	§	§	'	§	.
101 1011	91	5B	█	[	[	[	[	[	[	[	[	Æ	Æ	Æ	Ä	Ä	Ä	É	°	°	â	â	É	þ	°	Ä	Ä	;	;	
101 1100	92	5C	█	█	\	¥	¥	₩	\	\	\	\	Ø	Ø	Ø	Ö	Ö	Ö	Ö	ç	ç	ç	ç	Í	\	ç	Ç	Ç	Ñ	Ñ
101 1101	93	5D	█	]	]	]	]	]	]	]	]	]	À	À	À	À	À	Ü	Ü	§	§	ê	ê	Ú	Æ	é	Ö	Ö	;	Ç
101 1110	94	5E	█	█	^	^	^	^	^	^	^	^	^	^	^	^	Ü	^	^	^	^	î	É	Á	Ö	^	^	^	^	;
101 1111	95	5F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
110 0000	96	60	█	█	`	`	█	`	`	`	`	`	`	`	`	`	é	`	á	μ	μ	ô	ô	ó	ð	ù	`	`	`	`
111 1011	123	7B	█	█	{	{	{	{	{	{	{	{	æ	æ	æ	ä	ä	ä	é	é	é	é	é	é	þ	à	ä	ä	°	'

ISO 646

[	101	1011
Æ	101	1011
â	101	1011
°	101	1011

ISO 8859

[ 0101 1011



ISO 8859

[ 0101 1011  
Đ 1101 1011

# ISO 8859

[	0	1	0	1	1	0	1	1
Đ	1	1	0	1	1	0	1	1
đ	1	1	0	1	1	0	1	1

# Unicode

[	0000	0000	0101	1011
Đ	0000	0000	1101	0000
ذ	0000	0110	0011	0000

## Unicode

- [ Punctuation
- Đ Lettre latine majuscule
- ﺃ Lettre arabe

## Héxadécimal

9 = 0x9	0000	1001
10 = 0xA	0000	1010
15 = 0xF	0000	1111
16 = 0x10	0001	0000

# Unicode

A 0000 0000 0100 0001

65 = U+0041 0000 0000 0100 0001

# Unicode

1 code

compatible

propriétés

1 caractère

caractères d'anciens codages

catégorie, écriture, etc.

Unicode: composition

lettre      diacritique combinant

e + ^



Unicode: composition

lettre      diacritique combinant

e + ^

ê

lettre accentuée (compatibilité)

Unicode: composition

lettre      diacritique combinant

ε + ^