

EMERGENCY ARG POCKET REFERENCE

Instructions: fold lengthwise,
then fan/accordion fold in
quarters. Use the back page and
inside for quick notes.

v1.0, © 2007 Brian Enigma
http://ncininja.com/projects/argpocketref/
Licensed as a Creative Commons Attribution-Noncommercial-Share
Alike work

Dec	Hex	Char	Dec	Hex	Char
32	20	Space	64	40	@
33	21	!	65	41	A
34	22	"	66	42	B
35	23	#	67	43	C
36	24	\$	68	44	D
37	25	%	69	45	E
38	26	&	70	46	F
39	27	'	71	47	G
40	28	(72	48	H
41	29)	73	49	I
42	2A	*	74	4A	J
43	2B	+	75	4B	K
44	2C	,	76	4C	L
45	2D	-	77	4D	M
46	2E	.	78	4E	N
47	2F	:	79	4F	O
48	30	/	80	50	P
49	31	0	81	51	Q
50	32	1	82	52	R
51	33	2	83	53	S
52	34	3	84	54	T
53	35	4	85	55	U
54	36	5	86	56	V
55	37	6	87	57	W
56	38	7	88	58	X
57	39	8	89	59	Y
58	3A	9	90	5A	Z
59	3B	:	91	5B	[
60	3C	<	92	5C	\
61	3D	=	93	5D]
62	3E	>	94	5E	^
63	3F	?	95	5F	_

Hex/Decimal/ASCII Chart
[Unfold and look inside for converting hex, binary, and decimal.]

Vignère cipher

Example
Plaintext: ATTACKATDAMN
Key: LEMONLEMONLE
Ciphertext: LXFOPVEFRNHR

Morse Code

A	.-	N	-. -	0	----
B	-... -	O	---	1	----
C	-.-. -	P	.-.-	2	----
D	-. -.	Q	-.--	3	----
E	. -	R	.-.-	4	----
F	..- -	S	... -	5	----
G	-. --	T	-.-	6	----
H	U	-.-	7	----
I	.. -	V	...-	8	----
J	-. -.-	W	-.-	9	----
K	-.- -	X	-.--	Fullstop	----
L	-.. -	Y	-.--	Comma	----
M	--	Z	---	Query	----

Area Codes

Dial 1-area code-555-1212 for directory assistance for the given area code, then ask the operator for what city/state the area code is for.

US English Word Frequencies

603	1101	WHEN	OR	15568	THE
570	1093	WHAT	HER	9767	OF
533	1062	YOUR	HAD	7638	AND
523	1053	MORE	AT	5739	TO
516	1039	WOULD	FROM	5074	A
488	1021	THEM	THIS	4312	IN
478	963	SOME	MY	3017	THAT
445	959	THAN	THEY	2509	IS
441	881	MAY	ALL	2292	I
430	824	UPON	THEIR	2255	IT
425	789	ITS	AN	1869	FOR
387	775	OUT	SHE	1853	AS
385	753	THESE	HAS	1849	WITH
383	752	MAN	WERE	1761	WAS
369	745	UP	ME	1732	HIS
360	720	DO	BEEEN	1727	HE
354	708	LIKE	HIM	1535	NE
351	700	SHALL	ONE	1496	NOT
340	696	GREAT	SO	1392	BY
331	684	NOW	IF	1379	BUT
328	680	SUCH	WILL	1344	HAVE
320	664	OTHER	WHO	1291	WHICH
309	658	ONLY	NO	1222	ARE
302	638	ANY	WE	1155	ON

ROT-13

A B C D E F G H I J K L M
N O P Q R S T U V W X Y Z

US English Word Frequencies

Braille

A	⠁	N	⠎	i	⠇
B	⠃	O	⠏	v	⠋
C	⠉	P	⠑	x	⠍
D	⠇	Q	⠒	l	⠇
E	⠑	R	⠓	c	⠉
F	⠃	S	⠔	d	⠇
G	⠉	T	⠕	m	⠍
H	⠇	U	⠖		
I	⠇	V	⠗		
J	⠉	W	⠘		
K	⠇	X	⠙		
L	⠇	Y	⠚		
M	⠉	Z	⠛		

Roman Numerals

1	i
5	v
10	x
50	l
100	c
500	d
1,000	m

Zodiac

Artes	ram	Mar 21-Apr 19
Taurus	bull	Apr 20-May 20
Gemini	twins	May 21-Jun 20
Cancer	crab	Jun 21-Jul 22
Leo	lion	Jul 23-Aug 22
Virgo	virgin	Aug 23-Sept 22
Libra	balance	Sept 23-Oct 22
Scorpio	scorpion	Oct 23-Nov 21
Sagittarius	archer	Nov 22-Dec 21
Capricorn	goat	Dec 22-Jan 19
Aquarius	water bearer	Jan 20-Feb 18
Pisces	fish	Feb 19-Mar 20

Zodiac

Binary

The following chart will help you convert to and from binary:

2^n	2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
...	128	64	32	16	8	4	2	1

When converting from binary to base-10, you add up a series of numbers.

Each "1" digit in the binary number corresponds to the position of a base-10 number in the above table. You then just add together the base-10 numbers.

For instance 10010110 corresponds to $128+16+4+2$, which equals 150.

To convert from base-10 to binary, you keep dividing by 2 and looking at the remainders. Write the first remainder down, then write the next one down to the left of that, and so on. For example, 118 in binary is:

$$118 / 2 = 59, \text{ remainder } 0$$

$$59 / 2 = 29, \text{ remainder } 1$$

$$29 / 2 = 14, \text{ remainder } 1$$

$$14 / 2 = 7, \text{ remainder } 0$$

$$7 / 2 = 3, \text{ remainder } 1$$

$$3 / 2 = 1, \text{ remainder } 1$$

$$1 / 2 = 0, \text{ remainder } 1$$

This gives us 1110110 in binary.

Hex

0	0000	4	0100	8	1000	C	1100
1	0001	5	0101	9	1001	D	1101
2	0010	6	0110	A	1010	E	1110
3	0011	7	0111	B	1011	F	1111

Hexadecimal can easily be converted to and from binary (and from there, converted to base-10 if desired.) When converting from hex to binary, each hex digit expands out to four binary digits, using the above table. For instance 96 in hex expands out to 10010110 in binary (which, in our above binary example, converts to 150 in base-10.) When converting from binary to hex, group the binary digits by 4 (padding on the left with zeros, if required) and convert each group of four to a hex digit, using the above table. For instance, we know from our binary example that 118 in base-10 is 1110110 in binary. Padding it with a zero to make two groups of four, we see that it is 76 in hex.