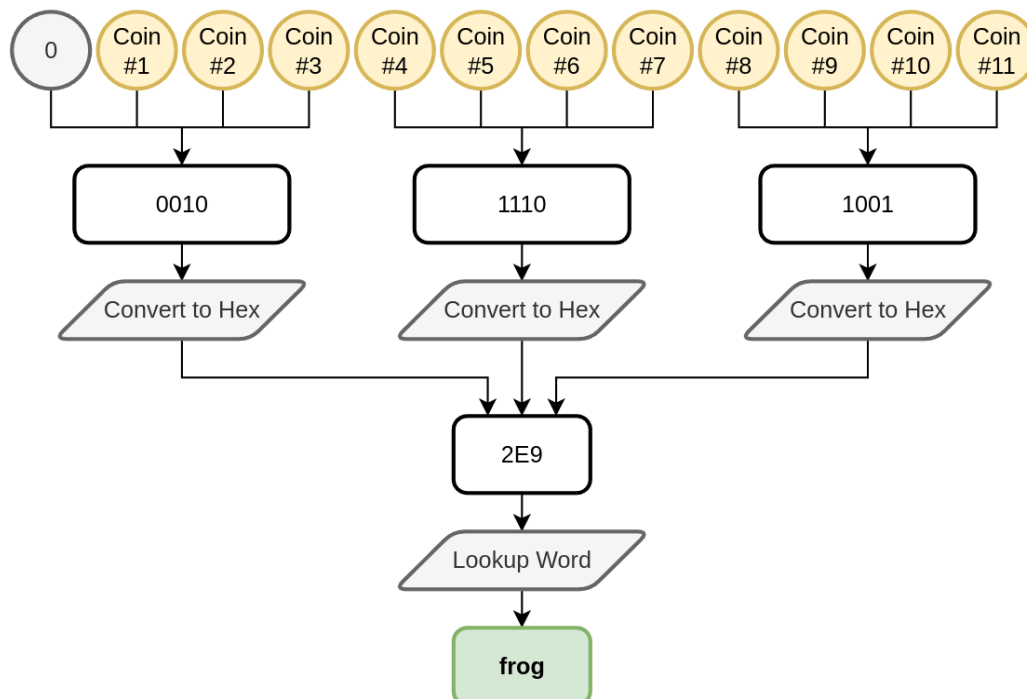


Generating a Bitcoin Seedphrase With a Coin

You can generate the first 11 or 23 words of a bitcoin seedphrase by using entropy generated by flipping a coin (or multiple coins at once). The final word must be calculated as it includes a checksum.

How it Works:

1. Flip 1 coin 11 times (or flip 11 coins at one time and read from leftmost flipped coin to right) and record the results.
2. Using the diagram below as an example convert the binary number you have created to hexadecimal (see conversion chart below).
3. Lookup the corresponding word in the attached BIP 39 wordlist (Note: you should cross check this list with the official BIP 39 wordlist to verify accuracy).
4. Repeat until you have 11 or 23 words and then use another method to calculate the final word.



Binary to Hex Conversion Table

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

BIP39 Word List

#	word	Hex
1	abandon	0000
2	ability	0001
3	able	0002
4	about	0003
5	above	0004
6	absent	0005
7	absorb	0006
8	abstract	0007
9	absurd	0008
10	abuse	0009
11	access	000A
12	accident	000B
13	account	000C
14	accuse	000D
15	achieve	000E
16	acid	000F
17	acoustic	0010
18	acquire	0011
19	across	0012
20	act	0013
21	action	0014
22	actor	0015
23	actress	0016
24	actual	0017
25	adapt	0018
26	add	0019
27	addict	001A
28	address	001B
29	adjust	001C
30	admit	001D
31	adult	001E
32	advance	001F
33	advice	0020
34	aerobic	0021
35	affair	0022
36	afford	0023
37	afraid	0024
38	again	0025
39	age	0026
40	agent	0027
41	agree	0028
42	ahead	0029
43	aim	002A
44	air	002B
45	airport	002C
46	aisle	002D
47	alarm	002E
48	album	002F
49	alcohol	0030
50	alert	0031

#	word	Hex
51	alien	0032
52	all	0033
53	alley	0034
54	allow	0035
55	almost	0036
56	alone	0037
57	alpha	0038
58	already	0039
59	also	003A
60	alter	003B
61	always	003C
62	amateur	003D
63	amazing	003E
64	among	003F
65	amount	0040
66	amused	0041
67	analyst	0042
68	anchor	0043
69	ancient	0044
70	anger	0045
71	angle	0046
72	angry	0047
73	animal	0048
74	ankle	0049
75	announce	004A
76	annual	004B
77	another	004C
78	answer	004D
79	antenna	004E
80	antique	004F
81	anxiety	0050
82	any	0051
83	apart	0052
84	apology	0053
85	appear	0054
86	apple	0055
87	approve	0056
88	april	0057
89	arch	0058
90	arctic	0059
91	area	005A
92	arena	005B
93	argue	005C
94	arm	005D
95	armed	005E
96	armor	005F
97	army	0060
98	around	0061
99	arrange	0062
100	arrest	0063

#	word	Hex
101	arrive	0064
102	arrow	0065
103	art	0066
104	artefact	0067
105	artist	0068
106	artwork	0069
107	ask	006A
108	aspect	006B
109	assault	006C
110	asset	006D
111	assist	006E
112	assume	006F
113	asthma	0070
114	athlete	0071
115	atom	0072
116	attack	0073
117	attend	0074
118	attitude	0075
119	attract	0076
120	auction	0077
121	audit	0078
122	august	0079
123	aunt	007A
124	author	007B
125	auto	007C
126	autumn	007D
127	average	007E
128	avocado	007F
129	avoid	0080
130	awake	0081
131	aware	0082
132	away	0083
133	awesome	0084
134	awful	0085
135	awkward	0086
136	axis	0087
137	baby	0088
138	bachelor	0089
139	bacon	008A
140	badge	008B
141	bag	008C
142	balance	008D
143	balcony	008E
144	ball	008F
145	bamboo	0090
146	banana	0091
147	banner	0092
148	bar	0093
149	barely	0094
150	bargain	0095

#	word	Hex
151	barrel	0096
152	base	0097
153	basic	0098
154	basket	0099
155	battle	009A
156	beach	009B
157	bean	009C
158	beauty	009D
159	because	009E
160	become	009F
161	beef	00A0
162	before	00A1
163	begin	00A2
164	behave	00A3
165	behind	00A4
166	believe	00A5
167	below	00A6
168	belt	00A7
169	bench	00A8
170	benefit	00A9
171	best	00AA
172	betray	00AB
173	better	00AC
174	between	00AD
175	beyond	00AE
176	bicycle	00AF
177	bid	00B0
178	bike	00B1
179	bind	00B2
180	biology	00B3
181	bird	00B4
182	birth	00B5
183	bitter	00B6
184	black	00B7
185	blade	00B8
186	blame	00B9
187	blanket	00BA
188	blast	00BB
189	bleak	00BC
190	bless	00BD
191	blind	00BE
192	blood	00BF
193	blossom	00C0
194	blouse	00C1
195	blue	00C2
196	blur	00C3
197	blush	00C4
198	board	00C5
199	boat	00C6
200	body	00C7

BIP39 Word List

#	word	Hex	#	word	Hex	#	word	Hex	#	word	Hex
201	boil	00C8	251	butter	00FA	301	cereal	012C	351	cloth	015E
202	bomb	00C9	252	buyer	00FB	302	certain	012D	352	cloud	015F
203	bone	00CA	253	buzz	00FC	303	chair	012E	353	clown	0160
204	bonus	00CB	254	cabbage	00FD	304	chalk	012F	354	club	0161
205	book	00CC	255	cabin	00FE	305	champion	0130	355	clump	0162
206	boost	00CD	256	cable	00FF	306	change	0131	356	cluster	0163
207	border	00CE	257	cactus	0100	307	chaos	0132	357	clutch	0164
208	boring	00CF	258	cage	0101	308	chapter	0133	358	coach	0165
209	borrow	00D0	259	cake	0102	309	charge	0134	359	coast	0166
210	boss	00D1	260	call	0103	310	chase	0135	360	coconut	0167
211	bottom	00D2	261	calm	0104	311	chat	0136	361	code	0168
212	bounce	00D3	262	camera	0105	312	cheap	0137	362	coffee	0169
213	box	00D4	263	camp	0106	313	check	0138	363	coil	016A
214	boy	00D5	264	can	0107	314	cheese	0139	364	coin	016B
215	bracket	00D6	265	canal	0108	315	chef	013A	365	collect	016C
216	brain	00D7	266	cancel	0109	316	cherry	013B	366	color	016D
217	brand	00D8	267	candy	010A	317	chest	013C	367	column	016E
218	brass	00D9	268	cannon	010B	318	chicken	013D	368	combine	016F
219	brave	00DA	269	canoe	010C	319	chief	013E	369	come	0170
220	bread	00DB	270	canvas	010D	320	child	013F	370	comfort	0171
221	breeze	00DC	271	canyon	010E	321	chimney	0140	371	comic	0172
222	brick	00DD	272	capable	010F	322	choice	0141	372	common	0173
223	bridge	00DE	273	capital	0110	323	choose	0142	373	company	0174
224	brief	00DF	274	captain	0111	324	chronic	0143	374	concert	0175
225	bright	00E0	275	car	0112	325	chuckle	0144	375	conduct	0176
226	bring	00E1	276	carbon	0113	326	chunk	0145	376	confirm	0177
227	brisk	00E2	277	card	0114	327	churn	0146	377	congress	0178
228	broccoli	00E3	278	cargo	0115	328	cigar	0147	378	connect	0179
229	broken	00E4	279	carpet	0116	329	cinnamon	0148	379	consider	017A
230	bronze	00E5	280	carry	0117	330	circle	0149	380	control	017B
231	broom	00E6	281	cart	0118	331	citizen	014A	381	convince	017C
232	brother	00E7	282	case	0119	332	city	014B	382	cook	017D
233	brown	00E8	283	cash	011A	333	civil	014C	383	cool	017E
234	brush	00E9	284	casino	011B	334	claim	014D	384	copper	017F
235	bubble	00EA	285	castle	011C	335	clap	014E	385	copy	0180
236	buddy	00EB	286	casual	011D	336	clarify	014F	386	coral	0181
237	budget	00EC	287	cat	011E	337	claw	0150	387	core	0182
238	buffalo	00ED	288	catalog	011F	338	clay	0151	388	corn	0183
239	build	00EE	289	catch	0120	339	clean	0152	389	correct	0184
240	bulb	00EF	290	category	0121	340	clerk	0153	390	cost	0185
241	bulk	00F0	291	cattle	0122	341	clever	0154	391	cotton	0186
242	bullet	00F1	292	caught	0123	342	click	0155	392	couch	0187
243	bundle	00F2	293	cause	0124	343	client	0156	393	country	0188
244	bunker	00F3	294	caution	0125	344	cliff	0157	394	couple	0189
245	burden	00F4	295	cave	0126	345	climb	0158	395	course	018A
246	burger	00F5	296	ceiling	0127	346	clinic	0159	396	cousin	018B
247	burst	00F6	297	celery	0128	347	clip	015A	397	cover	018C
248	bus	00F7	298	cement	0129	348	clock	015B	398	coyote	018D
249	business	00F8	299	census	012A	349	clog	015C	399	crack	018E
250	busy	00F9	300	century	012B	350	close	015D	400	cradle	018F

BIP39 Word List

#	word	Hex	#	word	Hex	#	word	Hex	#	word	Hex
401	craft	0190	451	debate	01C2	501	direct	01F4	551	dynamic	0226
402	cram	0191	452	debris	01C3	502	dirt	01F5	552	eager	0227
403	crane	0192	453	decade	01C4	503	disagree	01F6	553	eagle	0228
404	crash	0193	454	december	01C5	504	discover	01F7	554	early	0229
405	crater	0194	455	decide	01C6	505	disease	01F8	555	earn	022A
406	crawl	0195	456	decline	01C7	506	dish	01F9	556	earth	022B
407	crazy	0196	457	decorate	01C8	507	dismiss	01FA	557	easily	022C
408	cream	0197	458	decrease	01C9	508	disorder	01FB	558	east	022D
409	credit	0198	459	deer	01CA	509	display	01FC	559	easy	022E
410	creek	0199	460	defense	01CB	510	distance	01FD	560	echo	022F
411	crew	019A	461	define	01CC	511	divert	01FE	561	ecology	0230
412	cricket	019B	462	defy	01CD	512	divide	01FF	562	economy	0231
413	crime	019C	463	degree	01CE	513	divorce	0200	563	edge	0232
414	crisp	019D	464	delay	01CF	514	dizzy	0201	564	edit	0233
415	critic	019E	465	deliver	01D0	515	doctor	0202	565	educate	0234
416	crop	019F	466	demand	01D1	516	document	0203	566	effort	0235
417	cross	01A0	467	demise	01D2	517	dog	0204	567	egg	0236
418	crouch	01A1	468	denial	01D3	518	doll	0205	568	eight	0237
419	crowd	01A2	469	dentist	01D4	519	dolphin	0206	569	either	0238
420	crucial	01A3	470	deny	01D5	520	domain	0207	570	elbow	0239
421	cruel	01A4	471	depart	01D6	521	donate	0208	571	elder	023A
422	cruise	01A5	472	depend	01D7	522	donkey	0209	572	electric	023B
423	crumble	01A6	473	deposit	01D8	523	donor	020A	573	elegant	023C
424	crunch	01A7	474	depth	01D9	524	door	020B	574	element	023D
425	crush	01A8	475	deputy	01DA	525	dose	020C	575	elephant	023E
426	cry	01A9	476	derive	01DB	526	double	020D	576	elevator	023F
427	crystal	01AA	477	describe	01DC	527	dove	020E	577	elite	0240
428	cube	01AB	478	desert	01DD	528	draft	020F	578	else	0241
429	culture	01AC	479	design	01DE	529	dragon	0210	579	embark	0242
430	cup	01AD	480	desk	01DF	530	drama	0211	580	embody	0243
431	cupboard	01AE	481	despair	01E0	531	drastic	0212	581	embrace	0244
432	curious	01AF	482	destroy	01E1	532	draw	0213	582	emerge	0245
433	current	01B0	483	detail	01E2	533	dream	0214	583	emotion	0246
434	curtain	01B1	484	detect	01E3	534	dress	0215	584	employ	0247
435	curve	01B2	485	develop	01E4	535	drift	0216	585	empower	0248
436	cushion	01B3	486	device	01E5	536	drill	0217	586	empty	0249
437	custom	01B4	487	devote	01E6	537	drink	0218	587	enable	024A
438	cute	01B5	488	diagram	01E7	538	drip	0219	588	enact	024B
439	cycle	01B6	489	dial	01E8	539	drive	021A	589	end	024C
440	dad	01B7	490	diamond	01E9	540	drop	021B	590	endless	024D
441	damage	01B8	491	diary	01EA	541	drum	021C	591	endorse	024E
442	damp	01B9	492	dice	01EB	542	dry	021D	592	enemy	024F
443	dance	01BA	493	diesel	01EC	543	duck	021E	593	energy	0250
444	danger	01BB	494	diet	01ED	544	dumb	021F	594	enforce	0251
445	daring	01BC	495	differ	01EE	545	dune	0220	595	engage	0252
446	dash	01BD	496	digital	01EF	546	during	0221	596	engine	0253
447	daughter	01BE	497	dignity	01F0	547	dust	0222	597	enhance	0254
448	dawn	01BF	498	dilemma	01F1	548	dutch	0223	598	enjoy	0255
449	day	01C0	499	dinner	01F2	549	duty	0224	599	enlist	0256
450	deal	01C1	500	dinosaur	01F3	550	dwarf	0225	600	enough	0257

BIP39 Word List

#	word	Hex
601	enrich	0258
602	enroll	0259
603	ensure	025A
604	enter	025B
605	entire	025C
606	entry	025D
607	envelope	025E
608	episode	025F
609	equal	0260
610	equip	0261
611	era	0262
612	erase	0263
613	erode	0264
614	erosion	0265
615	error	0266
616	erupt	0267
617	escape	0268
618	essay	0269
619	essence	026A
620	estate	026B
621	eternal	026C
622	ethics	026D
623	evidence	026E
624	evil	026F
625	evoke	0270
626	evolve	0271
627	exact	0272
628	example	0273
629	excess	0274
630	exchange	0275
631	excite	0276
632	exclude	0277
633	excuse	0278
634	execute	0279
635	exercise	027A
636	exhaust	027B
637	exhibit	027C
638	exile	027D
639	exist	027E
640	exit	027F
641	exotic	0280
642	expand	0281
643	expect	0282
644	expire	0283
645	explain	0284
646	expose	0285
647	express	0286
648	extend	0287
649	extra	0288
650	eye	0289

#	word	Hex
651	eyebrow	028A
652	fabric	028B
653	face	028C
654	faculty	028D
655	fade	028E
656	faint	028F
657	faith	0290
658	fall	0291
659	false	0292
660	fame	0293
661	family	0294
662	famous	0295
663	fan	0296
664	fancy	0297
665	fantasy	0298
666	farm	0299
667	fashion	029A
668	fat	029B
669	fatal	029C
670	father	029D
671	fatigue	029E
672	fault	029F
673	favorite	02A0
674	feature	02A1
675	february	02A2
676	federal	02A3
677	fee	02A4
678	feed	02A5
679	feel	02A6
680	female	02A7
681	fence	02A8
682	festival	02A9
683	fetch	02AA
684	fever	02AB
685	few	02AC
686	fiber	02AD
687	fiction	02AE
688	field	02AF
689	figure	02B0
690	file	02B1
691	film	02B2
692	filter	02B3
693	final	02B4
694	find	02B5
695	fine	02B6
696	finger	02B7
697	finish	02B8
698	fire	02B9
699	firm	02BA
700	first	02BB

#	word	Hex
701	fiscal	02BC
702	fish	02BD
703	fit	02BE
704	fitness	02BF
705	fix	02C0
706	flag	02C1
707	flame	02C2
708	flash	02C3
709	flat	02C4
710	flavor	02C5
711	flee	02C6
712	flight	02C7
713	flip	02C8
714	float	02C9
715	flock	02CA
716	floor	02CB
717	flower	02CC
718	fluid	02CD
719	flush	02CE
720	fly	02CF
721	foam	02D0
722	focus	02D1
723	fog	02D2
724	foil	02D3
725	fold	02D4
726	follow	02D5
727	food	02D6
728	foot	02D7
729	force	02D8
730	forest	02D9
731	forget	02DA
732	fork	02DB
733	fortune	02DC
734	forum	02DD
735	forward	02DE
736	fossil	02DF
737	foster	02E0
738	found	02E1
739	fox	02E2
740	fragile	02E3
741	frame	02E4
742	frequent	02E5
743	fresh	02E6
744	friend	02E7
745	fringe	02E8
746	frog	02E9
747	front	02EA
748	frost	02EB
749	frown	02EC
750	frozen	02ED

#	word	Hex
751	fruit	02EE
752	fuel	02EF
753	fun	02F0
754	funny	02F1
755	furnace	02F2
756	fury	02F3
757	future	02F4
758	gadget	02F5
759	gain	02F6
760	galaxy	02F7
761	gallery	02F8
762	game	02F9
763	gap	02FA
764	garage	02FB
765	garbage	02FC
766	garden	02FD
767	garlic	02FE
768	garment	02FF
769	gas	0300
770	gasp	0301
771	gate	0302
772	gather	0303
773	gauge	0304
774	gaze	0305
775	general	0306
776	genius	0307
777	genre	0308
778	gentle	0309
779	genuine	030A
780	gesture	030B
781	ghost	030C
782	giant	030D
783	gift	030E
784	giggle	030F
785	ginger	0310
786	giraffe	0311
787	girl	0312
788	give	0313
789	glad	0314
790	glance	0315
791	glare	0316
792	glass	0317
793	glide	0318
794	glimpse	0319
795	globe	031A
796	gloom	031B
797	glory	031C
798	glove	031D
799	glow	031E
800	glue	031F

BIP39 Word List

#	word	Hex
801	goat	0320
802	goddess	0321
803	gold	0322
804	good	0323
805	goose	0324
806	gorilla	0325
807	gospel	0326
808	gossip	0327
809	govern	0328
810	gown	0329
811	grab	032A
812	grace	032B
813	grain	032C
814	grant	032D
815	grape	032E
816	grass	032F
817	gravity	0330
818	great	0331
819	green	0332
820	grid	0333
821	grief	0334
822	grit	0335
823	grocery	0336
824	group	0337
825	grow	0338
826	grunt	0339
827	guard	033A
828	guess	033B
829	guide	033C
830	guilt	033D
831	guitar	033E
832	gun	033F
833	gym	0340
834	habit	0341
835	hair	0342
836	half	0343
837	hammer	0344
838	hamster	0345
839	hand	0346
840	happy	0347
841	harbor	0348
842	hard	0349
843	harsh	034A
844	harvest	034B
845	hat	034C
846	have	034D
847	hawk	034E
848	hazard	034F
849	head	0350
850	health	0351

#	word	Hex
851	heart	0352
852	heavy	0353
853	hedgehog	0354
854	height	0355
855	hello	0356
856	helmet	0357
857	help	0358
858	hen	0359
859	hero	035A
860	hidden	035B
861	high	035C
862	hill	035D
863	hint	035E
864	hip	035F
865	hire	0360
866	history	0361
867	hobby	0362
868	hockey	0363
869	hold	0364
870	hole	0365
871	holiday	0366
872	hollow	0367
873	home	0368
874	honey	0369
875	hood	036A
876	hope	036B
877	horn	036C
878	horror	036D
879	horse	036E
880	hospital	036F
881	host	0370
882	hotel	0371
883	hour	0372
884	hover	0373
885	hub	0374
886	huge	0375
887	human	0376
888	humble	0377
889	humor	0378
890	hundred	0379
891	hungry	037A
892	hunt	037B
893	hurdle	037C
894	hurry	037D
895	hurt	037E
896	husband	037F
897	hybrid	0380
898	ice	0381
899	icon	0382
900	idea	0383

#	word	Hex
901	identify	0384
902	idle	0385
903	ignore	0386
904	ill	0387
905	illegal	0388
906	illness	0389
907	image	038A
908	imitate	038B
909	immense	038C
910	immune	038D
911	impact	038E
912	impose	038F
913	improve	0390
914	impulse	0391
915	inch	0392
916	include	0393
917	income	0394
918	increase	0395
919	index	0396
920	indicate	0397
921	indoor	0398
922	industry	0399
923	infant	039A
924	inflict	039B
925	inform	039C
926	inhale	039D
927	inherit	039E
928	initial	039F
929	inject	03A0
930	injury	03A1
931	inmate	03A2
932	inner	03A3
933	innocent	03A4
934	input	03A5
935	inquiry	03A6
936	insane	03A7
937	insect	03A8
938	inside	03A9
939	inspire	03AA
940	install	03AB
941	intact	03AC
942	interest	03AD
943	into	03AE
944	invest	03AF
945	invite	03B0
946	involve	03B1
947	iron	03B2
948	island	03B3
949	isolate	03B4
950	issue	03B5

#	word	Hex
951	item	03B6
952	ivory	03B7
953	jacket	03B8
954	jaguar	03B9
955	jar	03BA
956	jazz	03BB
957	jealous	03BC
958	jeans	03BD
959	jelly	03BE
960	jewel	03BF
961	job	03C0
962	join	03C1
963	joke	03C2
964	journey	03C3
965	joy	03C4
966	judge	03C5
967	juice	03C6
968	jump	03C7
969	jungle	03C8
970	junior	03C9
971	junk	03CA
972	just	03CB
973	kangaroo	03CC
974	keen	03CD
975	keep	03CE
976	ketchup	03CF
977	key	03D0
978	kick	03D1
979	kid	03D2
980	kidney	03D3
981	kind	03D4
982	kingdom	03D5
983	kiss	03D6
984	kit	03D7
985	kitchen	03D8
986	kite	03D9
987	kitten	03DA
988	kiwi	03DB
989	knee	03DC
990	knife	03DD
991	knock	03DE
992	know	03DF
993	lab	03E0
994	label	03E1
995	labor	03E2
996	ladder	03E3
997	lady	03E4
998	lake	03E5
999	lamp	03E6
1000	language	03E7

BIP39 Word List

#	word	Hex
1001	laptop	03E8
1002	large	03E9
1003	later	03EA
1004	latin	03EB
1005	laugh	03EC
1006	laundry	03ED
1007	lava	03EE
1008	law	03EF
1009	lawn	03F0
1010	lawsuit	03F1
1011	layer	03F2
1012	lazy	03F3
1013	leader	03F4
1014	leaf	03F5
1015	learn	03F6
1016	leave	03F7
1017	lecture	03F8
1018	left	03F9
1019	leg	03FA
1020	legal	03FB
1021	legend	03FC
1022	leisure	03FD
1023	lemon	03FE
1024	lend	03FF
1025	length	0400
1026	lens	0401
1027	leopard	0402
1028	lesson	0403
1029	letter	0404
1030	level	0405
1031	liar	0406
1032	liberty	0407
1033	library	0408
1034	license	0409
1035	life	040A
1036	lift	040B
1037	light	040C
1038	like	040D
1039	limb	040E
1040	limit	040F
1041	link	0410
1042	lion	0411
1043	liquid	0412
1044	list	0413
1045	little	0414
1046	live	0415
1047	lizard	0416
1048	load	0417
1049	loan	0418
1050	lobster	0419

#	word	Hex
1051	local	041A
1052	lock	041B
1053	logic	041C
1054	lonely	041D
1055	long	041E
1056	loop	041F
1057	lottery	0420
1058	loud	0421
1059	lounge	0422
1060	love	0423
1061	loyal	0424
1062	lucky	0425
1063	luggage	0426
1064	lumber	0427
1065	lunar	0428
1066	lunch	0429
1067	luxury	042A
1068	lyrics	042B
1069	machine	042C
1070	mad	042D
1071	magic	042E
1072	magnet	042F
1073	maid	0430
1074	mail	0431
1075	main	0432
1076	major	0433
1077	make	0434
1078	mammal	0435
1079	man	0436
1080	manage	0437
1081	mandate	0438
1082	mango	0439
1083	mansion	043A
1084	manual	043B
1085	maple	043C
1086	marble	043D
1087	march	043E
1088	margin	043F
1089	marine	0440
1090	market	0441
1091	marriage	0442
1092	mask	0443
1093	mass	0444
1094	master	0445
1095	match	0446
1096	material	0447
1097	math	0448
1098	matrix	0449
1099	matter	044A
1100	maximum	044B

#	word	Hex
1101	maze	044C
1102	meadow	044D
1103	mean	044E
1104	measure	044F
1105	meat	0450
1106	mechanic	0451
1107	medal	0452
1108	media	0453
1109	melody	0454
1110	melt	0455
1111	member	0456
1112	memory	0457
1113	mention	0458
1114	menu	0459
1115	mercy	045A
1116	merge	045B
1117	merit	045C
1118	merry	045D
1119	mesh	045E
1120	message	045F
1121	metal	0460
1122	method	0461
1123	middle	0462
1124	midnight	0463
1125	milk	0464
1126	million	0465
1127	mimic	0466
1128	mind	0467
1129	minimum	0468
1130	minor	0469
1131	minute	046A
1132	miracle	046B
1133	mirror	046C
1134	misery	046D
1135	miss	046E
1136	mistake	046F
1137	mix	0470
1138	mixed	0471
1139	mixture	0472
1140	mobile	0473
1141	model	0474
1142	modify	0475
1143	mom	0476
1144	moment	0477
1145	monitor	0478
1146	monkey	0479
1147	monster	047A
1148	month	047B
1149	moon	047C
1150	moral	047D

#	word	Hex
1151	more	047E
1152	morning	047F
1153	mosquito	0480
1154	mother	0481
1155	motion	0482
1156	motor	0483
1157	mountain	0484
1158	mouse	0485
1159	move	0486
1160	movie	0487
1161	much	0488
1162	muffin	0489
1163	mule	048A
1164	multiply	048B
1165	muscle	048C
1166	museum	048D
1167	mushroom	048E
1168	music	048F
1169	must	0490
1170	mutual	0491
1171	myself	0492
1172	mystery	0493
1173	myth	0494
1174	naive	0495
1175	name	0496
1176	napkin	0497
1177	narrow	0498
1178	nasty	0499
1179	nation	049A
1180	nature	049B
1181	near	049C
1182	neck	049D
1183	need	049E
1184	negative	049F
1185	neglect	04A0
1186	neither	04A1
1187	nephew	04A2
1188	nerve	04A3
1189	nest	04A4
1190	net	04A5
1191	network	04A6
1192	neutral	04A7
1193	never	04A8
1194	news	04A9
1195	next	04AA
1196	nice	04AB
1197	night	04AC
1198	noble	04AD
1199	noise	04AE
1200	nominee	04AF

BIP39 Word List

#	word	Hex
1201	noodle	04B0
1202	normal	04B1
1203	north	04B2
1204	nose	04B3
1205	notable	04B4
1206	note	04B5
1207	nothing	04B6
1208	notice	04B7
1209	novel	04B8
1210	now	04B9
1211	nuclear	04BA
1212	number	04BB
1213	nurse	04BC
1214	nut	04BD
1215	oak	04BE
1216	obey	04BF
1217	object	04C0
1218	oblige	04C1
1219	obscure	04C2
1220	observe	04C3
1221	obtain	04C4
1222	obvious	04C5
1223	occur	04C6
1224	ocean	04C7
1225	october	04C8
1226	odor	04C9
1227	off	04CA
1228	offer	04CB
1229	office	04CC
1230	often	04CD
1231	oil	04CE
1232	okay	04CF
1233	old	04D0
1234	olive	04D1
1235	olympic	04D2
1236	omit	04D3
1237	once	04D4
1238	one	04D5
1239	onion	04D6
1240	online	04D7
1241	only	04D8
1242	open	04D9
1243	opera	04DA
1244	opinion	04DB
1245	oppose	04DC
1246	option	04DD
1247	orange	04DE
1248	orbit	04DF
1249	orchard	04E0
1250	order	04E1

#	word	Hex
1251	ordinary	04E2
1252	organ	04E3
1253	orient	04E4
1254	original	04E5
1255	orphan	04E6
1256	ostrich	04E7
1257	other	04E8
1258	outdoor	04E9
1259	outer	04EA
1260	output	04EB
1261	outside	04EC
1262	oval	04ED
1263	oven	04EE
1264	over	04EF
1265	own	04F0
1266	owner	04F1
1267	oxygen	04F2
1268	oyster	04F3
1269	ozone	04F4
1270	pact	04F5
1271	paddle	04F6
1272	page	04F7
1273	pair	04F8
1274	palace	04F9
1275	palm	04FA
1276	panda	04FB
1277	panel	04FC
1278	panic	04FD
1279	panther	04FE
1280	paper	04FF
1281	parade	0500
1282	parent	0501
1283	park	0502
1284	parrot	0503
1285	party	0504
1286	pass	0505
1287	patch	0506
1288	path	0507
1289	patient	0508
1290	patrol	0509
1291	pattern	050A
1292	pause	050B
1293	pave	050C
1294	payment	050D
1295	peace	050E
1296	peanut	050F
1297	pear	0510
1298	peasant	0511
1299	pelican	0512
1300	pen	0513

#	word	Hex
1301	penalty	0514
1302	pencil	0515
1303	people	0516
1304	pepper	0517
1305	perfect	0518
1306	permit	0519
1307	person	051A
1308	pet	051B
1309	phone	051C
1310	photo	051D
1311	phrase	051E
1312	physical	051F
1313	piano	0520
1314	picnic	0521
1315	picture	0522
1316	piece	0523
1317	pig	0524
1318	pigeon	0525
1319	pill	0526
1320	pilot	0527
1321	pink	0528
1322	pioneer	0529
1323	pipe	052A
1324	pistol	052B
1325	pitch	052C
1326	pizza	052D
1327	place	052E
1328	planet	052F
1329	plastic	0530
1330	plate	0531
1331	play	0532
1332	please	0533
1333	pledge	0534
1334	pluck	0535
1335	plug	0536
1336	plunge	0537
1337	poem	0538
1338	poet	0539
1339	point	053A
1340	polar	053B
1341	pole	053C
1342	police	053D
1343	pond	053E
1344	pony	053F
1345	pool	0540
1346	popular	0541
1347	portion	0542
1348	position	0543
1349	possible	0544
1350	post	0545

#	word	Hex
1351	potato	0546
1352	pottery	0547
1353	poverty	0548
1354	powder	0549
1355	power	054A
1356	practice	054B
1357	praise	054C
1358	predict	054D
1359	prefer	054E
1360	prepare	054F
1361	present	0550
1362	pretty	0551
1363	prevent	0552
1364	price	0553
1365	pride	0554
1366	primary	0555
1367	print	0556
1368	priority	0557
1369	prison	0558
1370	private	0559
1371	prize	055A
1372	problem	055B
1373	process	055C
1374	produce	055D
1375	profit	055E
1376	program	055F
1377	project	0560
1378	promote	0561
1379	proof	0562
1380	property	0563
1381	prosper	0564
1382	protect	0565
1383	proud	0566
1384	provide	0567
1385	public	0568
1386	pudding	0569
1387	pull	056A
1388	pulp	056B
1389	pulse	056C
1390	pumpkin	056D
1391	punch	056E
1392	pupil	056F
1393	puppy	0570
1394	purchase	0571
1395	purity	0572
1396	purpose	0573
1397	purse	0574
1398	push	0575
1399	put	0576
1400	puzzle	0577

BIP39 Word List

#	word	Hex
1401	pyramid	0578
1402	quality	0579
1403	quantum	057A
1404	quarter	057B
1405	question	057C
1406	quick	057D
1407	quit	057E
1408	quiz	057F
1409	quote	0580
1410	rabbit	0581
1411	raccoon	0582
1412	race	0583
1413	rack	0584
1414	radar	0585
1415	radio	0586
1416	rail	0587
1417	rain	0588
1418	raise	0589
1419	rally	058A
1420	ramp	058B
1421	ranch	058C
1422	random	058D
1423	range	058E
1424	rapid	058F
1425	rare	0590
1426	rate	0591
1427	rather	0592
1428	raven	0593
1429	raw	0594
1430	razor	0595
1431	ready	0596
1432	real	0597
1433	reason	0598
1434	rebel	0599
1435	rebuild	059A
1436	recall	059B
1437	receive	059C
1438	recipe	059D
1439	record	059E
1440	recycle	059F
1441	reduce	05A0
1442	reflect	05A1
1443	reform	05A2
1444	refuse	05A3
1445	region	05A4
1446	regret	05A5
1447	regular	05A6
1448	reject	05A7
1449	relax	05A8
1450	release	05A9

#	word	Hex
1451	relief	05AA
1452	rely	05AB
1453	remain	05AC
1454	remember	05AD
1455	remind	05AE
1456	remove	05AF
1457	render	05B0
1458	renew	05B1
1459	rent	05B2
1460	reopen	05B3
1461	repair	05B4
1462	repeat	05B5
1463	replace	05B6
1464	report	05B7
1465	require	05B8
1466	rescue	05B9
1467	resemble	05BA
1468	resist	05BB
1469	resource	05BC
1470	response	05BD
1471	result	05BE
1472	retire	05BF
1473	retreat	05C0
1474	return	05C1
1475	reunion	05C2
1476	reveal	05C3
1477	review	05C4
1478	reward	05C5
1479	rhythm	05C6
1480	rib	05C7
1481	ribbon	05C8
1482	rice	05C9
1483	rich	05CA
1484	ride	05CB
1485	ridge	05CC
1486	rifle	05CD
1487	right	05CE
1488	rigid	05CF
1489	ring	05D0
1490	riot	05D1
1491	ripple	05D2
1492	risk	05D3
1493	ritual	05D4
1494	rival	05D5
1495	river	05D6
1496	road	05D7
1497	roast	05D8
1498	robot	05D9
1499	robust	05DA
1500	rocket	05DB

#	word	Hex
1501	romance	05DC
1502	roof	05DD
1503	rookie	05DE
1504	room	05DF
1505	rose	05E0
1506	rotate	05E1
1507	rough	05E2
1508	round	05E3
1509	route	05E4
1510	royal	05E5
1511	rubber	05E6
1512	rude	05E7
1513	rug	05E8
1514	rule	05E9
1515	run	05EA
1516	runway	05EB
1517	rural	05EC
1518	sad	05ED
1519	saddle	05EE
1520	sadness	05EF
1521	safe	05F0
1522	sail	05F1
1523	salad	05F2
1524	salmon	05F3
1525	salon	05F4
1526	salt	05F5
1527	salute	05F6
1528	same	05F7
1529	sample	05F8
1530	sand	05F9
1531	satisfy	05FA
1532	satoshi	05FB
1533	sauce	05FC
1534	sausage	05FD
1535	save	05FE
1536	say	05FF
1537	scale	0600
1538	scan	0601
1539	scare	0602
1540	scatter	0603
1541	scene	0604
1542	scheme	0605
1543	school	0606
1544	science	0607
1545	scissors	0608
1546	scorpion	0609
1547	scout	060A
1548	scrap	060B
1549	screen	060C
1550	script	060D

#	word	Hex
1551	scrub	060E
1552	sea	060F
1553	search	0610
1554	season	0611
1555	seat	0612
1556	second	0613
1557	secret	0614
1558	section	0615
1559	security	0616
1560	seed	0617
1561	seek	0618
1562	segment	0619
1563	select	061A
1564	sell	061B
1565	seminar	061C
1566	senior	061D
1567	sense	061E
1568	sentence	061F
1569	series	0620
1570	service	0621
1571	session	0622
1572	settle	0623
1573	setup	0624
1574	seven	0625
1575	shadow	0626
1576	shaft	0627
1577	shallow	0628
1578	share	0629
1579	shed	062A
1580	shell	062B
1581	sheriff	062C
1582	shield	062D
1583	shift	062E
1584	shine	062F
1585	ship	0630
1586	shiver	0631
1587	shock	0632
1588	shoe	0633
1589	shoot	0634
1590	shop	0635
1591	short	0636
1592	shoulder	0637
1593	shove	0638
1594	shrimp	0639
1595	shrug	063A
1596	shuffle	063B
1597	shy	063C
1598	sibling	063D
1599	sick	063E
1600	side	063F

BIP39 Word List

#	word	Hex
1601	siege	0640
1602	sight	0641
1603	sign	0642
1604	silent	0643
1605	silk	0644
1606	silly	0645
1607	silver	0646
1608	similar	0647
1609	simple	0648
1610	since	0649
1611	sing	064A
1612	siren	064B
1613	sister	064C
1614	situate	064D
1615	six	064E
1616	size	064F
1617	skate	0650
1618	sketch	0651
1619	ski	0652
1620	skill	0653
1621	skin	0654
1622	skirt	0655
1623	skull	0656
1624	slab	0657
1625	slam	0658
1626	sleep	0659
1627	slender	065A
1628	slice	065B
1629	slide	065C
1630	slight	065D
1631	slim	065E
1632	slogan	065F
1633	slot	0660
1634	slow	0661
1635	slush	0662
1636	small	0663
1637	smart	0664
1638	smile	0665
1639	smoke	0666
1640	smooth	0667
1641	snack	0668
1642	snake	0669
1643	snap	066A
1644	sniff	066B
1645	snow	066C
1646	soap	066D
1647	soccer	066E
1648	social	066F
1649	sock	0670
1650	soda	0671

#	word	Hex
1651	soft	0672
1652	solar	0673
1653	soldier	0674
1654	solid	0675
1655	solution	0676
1656	solve	0677
1657	someone	0678
1658	song	0679
1659	soon	067A
1660	sorry	067B
1661	sort	067C
1662	soul	067D
1663	sound	067E
1664	soup	067F
1665	source	0680
1666	south	0681
1667	space	0682
1668	spare	0683
1669	spatial	0684
1670	spawn	0685
1671	speak	0686
1672	special	0687
1673	speed	0688
1674	spell	0689
1675	spend	068A
1676	sphere	068B
1677	spice	068C
1678	spider	068D
1679	spike	068E
1680	spin	068F
1681	spirit	0690
1682	split	0691
1683	spoil	0692
1684	sponsor	0693
1685	spoon	0694
1686	sport	0695
1687	spot	0696
1688	spray	0697
1689	spread	0698
1690	spring	0699
1691	spy	069A
1692	square	069B
1693	squeeze	069C
1694	squirrel	069D
1695	stable	069E
1696	stadium	069F
1697	staff	06A0
1698	stage	06A1
1699	stairs	06A2
1700	stamp	06A3

#	word	Hex
1701	stand	06A4
1702	start	06A5
1703	state	06A6
1704	stay	06A7
1705	steak	06A8
1706	steel	06A9
1707	stem	06AA
1708	step	06AB
1709	stereo	06AC
1710	stick	06AD
1711	still	06AE
1712	sting	06AF
1713	stock	06B0
1714	stomach	06B1
1715	stone	06B2
1716	stool	06B3
1717	story	06B4
1718	stove	06B5
1719	strategy	06B6
1720	street	06B7
1721	strike	06B8
1722	strong	06B9
1723	struggle	06BA
1724	student	06BB
1725	stuff	06BC
1726	stumble	06BD
1727	style	06BE
1728	subject	06BF
1729	submit	06C0
1730	subway	06C1
1731	success	06C2
1732	such	06C3
1733	sudden	06C4
1734	suffer	06C5
1735	sugar	06C6
1736	suggest	06C7
1737	suit	06C8
1738	summer	06C9
1739	sun	06CA
1740	sunny	06CB
1741	sunset	06CC
1742	super	06CD
1743	supply	06CE
1744	supreme	06CF
1745	sure	06D0
1746	surface	06D1
1747	surge	06D2
1748	surprise	06D3
1749	surround	06D4
1750	survey	06D5

#	word	Hex
1751	suspect	06D6
1752	sustain	06D7
1753	swallow	06D8
1754	swamp	06D9
1755	swap	06DA
1756	swarm	06DB
1757	swear	06DC
1758	sweet	06DD
1759	swift	06DE
1760	swim	06DF
1761	swing	06E0
1762	switch	06E1
1763	sword	06E2
1764	symbol	06E3
1765	symptom	06E4
1766	syrup	06E5
1767	system	06E6
1768	table	06E7
1769	tackle	06E8
1770	tag	06E9
1771	tail	06EA
1772	talent	06EB
1773	talk	06EC
1774	tank	06ED
1775	tape	06EE
1776	target	06EF
1777	task	06F0
1778	taste	06F1
1779	tattoo	06F2
1780	taxi	06F3
1781	teach	06F4
1782	team	06F5
1783	tell	06F6
1784	ten	06F7
1785	tenant	06F8
1786	tennis	06F9
1787	tent	06FA
1788	term	06FB
1789	test	06FC
1790	text	06FD
1791	thank	06FE
1792	that	06FF
1793	theme	0700
1794	then	0701
1795	theory	0702
1796	there	0703
1797	they	0704
1798	thing	0705
1799	this	0706
1800	thought	0707

BIP39 Word List

#	word	Hex
1801	three	0708
1802	thrive	0709
1803	throw	070A
1804	thumb	070B
1805	thunder	070C
1806	ticket	070D
1807	tide	070E
1808	tiger	070F
1809	tilt	0710
1810	timber	0711
1811	time	0712
1812	tiny	0713
1813	tip	0714
1814	tired	0715
1815	tissue	0716
1816	title	0717
1817	toast	0718
1818	tobacco	0719
1819	today	071A
1820	toddler	071B
1821	toe	071C
1822	together	071D
1823	toilet	071E
1824	token	071F
1825	tomato	0720
1826	tomorrow	0721
1827	tone	0722
1828	tongue	0723
1829	tonight	0724
1830	tool	0725
1831	tooth	0726
1832	top	0727
1833	topic	0728
1834	topple	0729
1835	torch	072A
1836	tornado	072B
1837	tortoise	072C
1838	toss	072D
1839	total	072E
1840	tourist	072F
1841	toward	0730
1842	tower	0731
1843	town	0732
1844	toy	0733
1845	track	0734
1846	trade	0735
1847	traffic	0736
1848	tragic	0737
1849	train	0738
1850	transfer	0739

#	word	Hex
1851	trap	073A
1852	trash	073B
1853	travel	073C
1854	tray	073D
1855	treat	073E
1856	tree	073F
1857	trend	0740
1858	trial	0741
1859	tribe	0742
1860	trick	0743
1861	trigger	0744
1862	trim	0745
1863	trip	0746
1864	trophy	0747
1865	trouble	0748
1866	truck	0749
1867	true	074A
1868	truly	074B
1869	trumpet	074C
1870	trust	074D
1871	truth	074E
1872	try	074F
1873	tube	0750
1874	tuition	0751
1875	tumble	0752
1876	tuna	0753
1877	tunnel	0754
1878	turkey	0755
1879	turn	0756
1880	turtle	0757
1881	twelve	0758
1882	twenty	0759
1883	twice	075A
1884	twin	075B
1885	twist	075C
1886	two	075D
1887	type	075E
1888	typical	075F
1889	ugly	0760
1890	umbrella	0761
1891	unable	0762
1892	unaware	0763
1893	uncle	0764
1894	uncover	0765
1895	under	0766
1896	undo	0767
1897	unfair	0768
1898	unfold	0769
1899	unhappy	076A
1900	uniform	076B

#	word	Hex
1901	unique	076C
1902	unit	076D
1903	universe	076E
1904	unknown	076F
1905	unlock	0770
1906	until	0771
1907	unusual	0772
1908	unveil	0773
1909	update	0774
1910	upgrade	0775
1911	uphold	0776
1912	upon	0777
1913	upper	0778
1914	upset	0779
1915	urban	077A
1916	urge	077B
1917	usage	077C
1918	use	077D
1919	used	077E
1920	useful	077F
1921	useless	0780
1922	usual	0781
1923	utility	0782
1924	vacant	0783
1925	vacuum	0784
1926	vague	0785
1927	valid	0786
1928	valley	0787
1929	valve	0788
1930	van	0789
1931	vanish	078A
1932	vapor	078B
1933	various	078C
1934	vast	078D
1935	vault	078E
1936	vehicle	078F
1937	velvet	0790
1938	vendor	0791
1939	venture	0792
1940	venue	0793
1941	verb	0794
1942	verify	0795
1943	version	0796
1944	very	0797
1945	vessel	0798
1946	veteran	0799
1947	viable	079A
1948	vibrant	079B
1949	vicious	079C
1950	victory	079D

#	word	Hex
1951	video	079E
1952	view	079F
1953	village	07A0
1954	vintage	07A1
1955	violin	07A2
1956	virtual	07A3
1957	virus	07A4
1958	visa	07A5
1959	visit	07A6
1960	visual	07A7
1961	vital	07A8
1962	vivid	07A9
1963	vocal	07AA
1964	voice	07AB
1965	void	07AC
1966	volcano	07AD
1967	volume	07AE
1968	vote	07AF
1969	voyage	07B0
1970	wage	07B1
1971	wagon	07B2
1972	wait	07B3
1973	walk	07B4
1974	wall	07B5
1975	walnut	07B6
1976	want	07B7
1977	warfare	07B8
1978	warm	07B9
1979	warrior	07BA
1980	wash	07BB
1981	wasp	07BC
1982	waste	07BD
1983	water	07BE
1984	wave	07BF
1985	way	07C0
1986	wealth	07C1
1987	weapon	07C2
1988	wear	07C3
1989	weasel	07C4
1990	weather	07C5
1991	web	07C6
1992	wedding	07C7
1993	weekend	07C8
1994	weird	07C9
1995	welcome	07CA
1996	west	07CB
1997	wet	07CC
1998	whale	07CD
1999	what	07CE
2000	wheat	07CF

BIP39 Word List

#	word	Hex
2001	wheel	07D0
2002	when	07D1
2003	where	07D2
2004	whip	07D3
2005	whisper	07D4
2006	wide	07D5
2007	width	07D6
2008	wife	07D7
2009	wild	07D8
2010	will	07D9
2011	win	07DA
2012	window	07DB
2013	wine	07DC
2014	wing	07DD
2015	wink	07DE
2016	winner	07DF
2017	winter	07E0
2018	wire	07E1
2019	wisdom	07E2
2020	wise	07E3
2021	wish	07E4
2022	witness	07E5
2023	wolf	07E6
2024	woman	07E7
2025	wonder	07E8
2026	wood	07E9
2027	wool	07EA
2028	word	07EB
2029	work	07EC
2030	world	07ED
2031	worry	07EE
2032	worth	07EF
2033	wrap	07F0
2034	wreck	07F1
2035	wrestle	07F2
2036	wrist	07F3
2037	write	07F4
2038	wrong	07F5
2039	yard	07F6
2040	year	07F7
2041	yellow	07F8
2042	you	07F9
2043	young	07FA
2044	youth	07FB
2045	zebra	07FC
2046	zero	07FD
2047	zone	07FE
2048	zoo	07FF