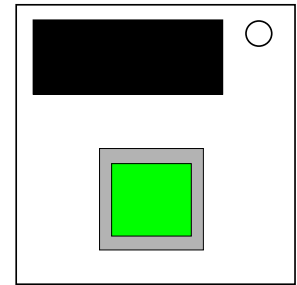


## On the Subject of Green Button't

*Green cube button.*

On the module you will see a green button and a screen flashing a sequence of 10 different words representing colors.



Note down the sequence and split the sequence into five pairs with 2 colors per pair. Then place each pair under the previous pair. Convert the words into Morse Code using their Red, Green, Blue, and Grayscale color components (“-” = present, “.” = absent).

COLOR	R	G	B	GRAY	COLOR	R	G	B	GRAY	COLOR	R	G	B	GRAY	COLOR	R	G	B	GRAY
RED	-	.	.	.-	WINE	-	.	.	.-	ROCK RED	-	.	.	--	ROSE RED	-	.	.	..
LIME	.	-	.	.-	GREEN	.	-	.	.-	TEAL	.	-	.	--	HARLEQUIN	.	-	.	..
BLUE	.	.	-	.-	NAVY	.	.	-	.-	DENIM	.	.	-	--	BLUEBERRY	.	.	-	..
YELLOW	-	-	.	.-	GOLD	-	-	.	.-	LEMON	-	-	.	--	DOLLY	-	-	.	..
CYAN	.	-	-	.-	TUNA	.	-	-	.-	AZURE	.	-	-	--	AQUA	.	-	-	..
MAGENTA	-	.	-	.-	PINK	-	.	-	.-	VIOLET	-	.	-	--	FUCHSIA	-	.	-	..
WHITE	-	-	-	.-	CERAMIC	-	-	-	.-	SNOW	-	-	-	--	GREY	-	-	-	..
BLACK	.	.	.	.-	NIGHTMARE	.	.	.	.-	DEEP DARK	.	.	.	--	DEEP BLACK	.	.	.	..

**Example:** TUNA , TUNA , BLACK , LIME , NAVY , NAVY , GOLD , RED , GOLD , RED

.	-	-	-	.	.	-	-	-	.
.	.	.	.	-	.	-	.	.	-
.	.	-	-	.	.	.	-	-	.
-	-	.	-	.	-	.	.	.	-
-	-	.	-	.	-	.	.	.	-
TUNA	TUNA	BLACK	LIME	NAVY	NAVY	GOLD	RED	GOLD	RED
3	2	3	1	4	3	3	3	3	2
1	0	1	1	0	1	1	1	1	0

First align the color sequence with the table, then count how many dots there are in each column, and finally modulo 2 for each number, which will be the final sequence.

To solve the module, adjust the status of each word to the number of the corresponding final sequence, and when the words are displayed, the current state will be displayed on the button. Tap the button to submit an answer when the screen is empty.