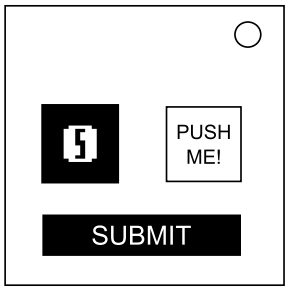
On the Subject of Backgrounds



For once you aren't only focusing on what's right in front of you. Make sure you pay attention to what's going on behind the scenes here. We all know how you feel about exploding.

This module will present you with a colored button, a counter, and a submit button. However, the backing may be a certain color. Based on the color of the backing and the color of the button, press the button until the counter matches a certain number and press submit.

Step 1:

Use the rules in Table B to determine your letter pair, finding the first two conditions that apply, using the first letter from the first rule and the second letter from the second rule.

Step 2:

With the letter pair found in Step 1 and Table A, use the first letter along the left and the second letter along the top to find the number of times to press the button before pressing submit.

TABLE A:

	A	B	C	D	E	F
A	3	2	9	1	7	4
B	7	9	8	8	2	3
C	5	1	7	4	4	6
D	6	4	2	6	8	5
E	5	1	5	3	9	9
F	1	2	3	6	7	8

(Please note that if you press the button when the counter reads 9, the counter will reset to 0.)

TABLE B: Priority rules

RULE	FIRST LETTER	SECOND LETTER
If the color of the backing matches the color of the button	A	C
Otherwise, if the button **OR** the backing (but not both) are white or black	D	B
Otherwise, if there are no D batteries present on the bomb	C	E
Otherwise, if there are no AA batteries present on the bomb	D	D
Otherwise, if the button **AND** the backing are primary colors*	B	F
Otherwise, if the color of the button is a secondary color**	F	E
Otherwise, if there is an unlit SND indicator present on the bomb	E	B
Otherwise, if the bomb contains a Serial port	B	C
Otherwise, if the backing's color mixed with blue creates the button's color***	C	D
Otherwise, use this rule (This rule can be used twice)	E	A

**: Primary colors are Red, Yellow, and Blue*
***: Secondary colors are Orange, Green, and Purple*
****: Mixing Red and Yellow will make Orange, Blue and Yellow will make Green, and Red and Blue will make Purple. Mixing Blue and White will **not** make Blue.*