

1. Convert to rgb format (4 pts.)

- #3461fa  $34 = (3 * 16) + 4 = 52$ ,  $61 = (6 * 16) + 1 = 97$ ,  $fa = (15 * 16) + 10 = 250 = \text{rgb}(52, 97, 250)$
- #ab34c6  $ab = (10 * 16) + 12 = 171$ ,  $34 = (3 * 16) + 4 = 52$ ,  $c6 = (13 * 16) + 6 = 198 = \text{rgb}(171, 52, 198)$
- #feb237  $fe = (16 * 16) + 15 = 254$ ,  $b2 = (12 * 16) + 2 = 178$ ,  $37 = (3 * 16) + 7 = 55 = \text{rgb}(254, 178, 55)$
- #ab4571  $ab = (11 * 16) + 12 = 171$ ,  $45 = (4 * 16) + 5 = 69$ ,  $71 = (7 * 16) + 1 = 113 = \text{rgb}(171, 69, 113)$
- #34c6ab  $34 = (3 * 16) + 4 = 52$ ,  $c6 = (13 * 16) + 6 = 214$ ,  $ab = (10 * 16) + 11 = 171 = \text{rgb}(52, 214, 171)$
- #237feb  $23 = (2 * 16) + 3 = 35$ ,  $7f = (7 * 16) + 15 = 127$ ,  $eb = (15 * 16) + 12 = 235 = \text{rgb}(35, 127, 235)$
- #b4571a  $b4 = (11 * 16) + 4 = 180$ ,  $57 = (5 * 16) + 7 = 87$ ,  $1a = (1 * 16) + 10 = 26 = \text{rgb}(180, 87, 26)$
- #5ab471  $5a = (5 * 16) + 10 = 90$ ,  $b4 = (11 * 16) + 4 = 180$ ,  $71 = (7 * 16) + 1 = 113 = \text{rgb}(90, 180, 113)$

2. Convert to hex format (4 pts.)

- $\text{rgb}(213, 22, 2)$   $213 = 213/16 = 13$ ,  $R\ 5 = d5$ ,  $22 = 22/16 = 1$ ,  $R\ 6 = 16\ 2 = 2/16 = 0$ ,  $R\ 2 = 02 = \#d51602$
- $\text{rgb}(212, 226, 52)$   $212 = 212/16 = 13$ ,  $R\ 4 = d4$ ,  $226 = 226/16 = 14$ ,  $R\ 2 = e2$ ,  $52 = 52/16 = 3$ ,  $R\ 4 = 34 = \#d4e234$
- $\text{rgb}(13, 124, 41)$   $13 = 13/16 = 0$ ,  $R = 13 = 0d$ ,  $124/16 = 7$ ,  $R = 12 = 7c$ ,  $41 = 41/16 = 2$ ,  $R = 9 = 29 = \#0d7c29$
- $\text{rgb}(213, 32, 113)$   $213 = 213/16 = 13$ ,  $R = 5 = d5$ ,  $32 = 32/16 = 2$ ,  $R = 0 = 20$ ,  $113 = 113/16 = 7$ ,  $R = 1 = 71 = \#d52071$
- $\text{rgb}(226, 12, 52)$   $226 = 226/16 = 14$ ,  $R = 2 = e2$ ,  $12/16 = 0$ ,  $R = 12 = 0c$ ,  $52/16 = 3$ ,  $R = 4 = 34 = \#e20c34$
- $\text{rgb}(12, 124, 41)$   $12 = 12/16 = 0$ ,  $R = 12 = 0b$ ,  $124 = 124/16 = 7$ ,  $R = 12 = 7b$ ,  $41 = 41/16 = 2$ ,  $R = 9 = 29 = \#0b7b29$
- $\text{rgb}(23, 132, 11)$   $23 = 23/16 = 1$ ,  $R = 7 = 17$ ,  $132 = 132/16 = 8$ ,  $R = 4 = 84$ ,  $11 = 11/16 = 0$ ,  $R = 11 = 0a = \#17840b$
- $\text{rgba}(112, 23, 124, .4)$   $112 = 112/16 = 7$ ,  $R\ 0 = 70$ ,  $23 = 23/16 = 1$ ,  $R\ 7 = 17$ ,  $124 = 124/16 = 7$ ,  $R\ 12 = 7c$ ,  $.4 = .4 * 255 = 102 = 102/16 = 6$ ,  $R\ 6 = 66 = \#70177c66$

## Question (2 pts.)

List 4 css properties that need color values.

1. Background 2. Border 3. Outline 4. Text