Assignment 2

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1. Convert to rgb format

- **#1fa346 =** rgb(31,163,70)

  1f= 1 * 16^1 + f * 16^0 = 1 * 16 + 15 * 1 = 31

  a3 = a * 16^1 + 3 * 16^0 = 10 * 16 + 3 * 1 = 163

  46= 4 * 16^1 + 6 * 16^0 = 4 * 16 + 6 * 1 = 70

- **#a34cb6 =** rgb(163, 76, 182)

  a3 = a * 16^1 + 3 * 16^0 = 10 * 16 + 3 * 1 = 163

  4c = 4 * 16^1 + c * 16^0 = 4 * 16 + 12 * 1 = 76

  b6 = b * 16^1 + 6 * 16^0 = 11 * 16 + 6 * 1 = 182

- **#37feb2 =** rgb(55, 254, 178)

  37 = 3 * 16^1 + 7 * 16^0 = 3 * 16 + 7 * 1 = 55

  fe = f * 16^1 + e * 16^0 = 15 * 16 + 14 * 1 = 254

  b2 = b * 16^1 + 2 * 16^0 = 11 * 16 + 2 * 1 = 178

- **#4571ab =** rgb(69, 113, 171)

  45 = 4 * 16^1 + 5 * 16^0 = 4 * 16 + 5 * 1 = 69

  71 = 7 * 16^1 + 1 * 16^0 = 7 * 16 + 1 * 1 = 113

  ab = a * 16^1 + b * 16^0 = 10 * 16 + 11 * 1 = 171

- **#715ab4 =** rgb(113, 90 ,180)

    71 = 7 * 16^1 + 1 * 16^0 = 7 * 16 + 1 * 1 = 113

    5a = 5 * 16^1 + a * 16^0 = 5 * 16 + 10 * 1 = 90

    b4 = b * 16^1 + 4 * 16^0 = 11 * 16 + 4 * 1 = 180

2. Convert to hex format
    - **rgb(213, 22,2)** = #D51602

        213 = 16 * 13 + 1 * 5 = d5

        22 = 16 * 1 + 1 * 6 = 16

        2 = 16 * 0 + 1 * 2 = 02
    - **rgb(112,226,52)** = #70E234

        112= 16 * 7 + 1 * 0 = 70

        226 = 16 * 14 + 1 * 2 = e2

        52 = 16 * 3 + 1 * 4 = 34
    - **rgb(12,124,41)** = #0CE234

        12 = 16 * 0 + 1 * 12 = 0c

        124 = 16 * 12 + 1 * 2 = e2

        41 = 16 * 3 + 1 * 4 = 34
    - **rgb(223,32,113)** = #DF2071

        223 = 16 * 13 + 1 * 15 = df

        32 = 16 * 2 + 1 * 0 = 20

        113 = 16 * 7 + 1 * 1 = 71
    - **rgba(112,23,124,.4)** = #40a5a2

3. Questions

- **List 5 html tags**

    body, title, h1, p, li

- **List 5 html attributes**

    src, alt, style, href, width