**Assignment 1**

**Due Jan 25th before class**

**Task 1**

Convert the following to rgb format:

* e.g #d6a6b9 = rgb(214,166,185) d6 = d \* 16^1 + 6 \* 16^0 = 13 \* 16 + 6 \* 1 = 214

a6 = a \* 16^1 + 6 \* 16^0 = 10 \* 16 + 6 \* 1 = 166

b9 = b \* 16^1 + 9 \* 16^0 = 11 \* 16 + 9 \* 1 = 185

* #562343

5 \* 16^1 + 6 \* 16^0 = 86| 2\*16^1 + 3 \* 16^0 = 36| 4 \* 16^1 + 3 \* 16^0 = 67

RGB(86,36, 67)

* #37b13c
  + 3 \* 16^1 + 7 \* 16^0 = 55| b \* 16^1 + 1 \* 16^0= 177 | 3 \* 16^1 + c \* 16^0=60
  + RGB (55,177,60)
* #25df2a
  + 2 \* 16^1 + 5 \* 16^0 = 37|d \* 16^1 + f \* 16^0 = 223|2 \* 16^1 +a \* 16^0 = 43
  + RGB(37,223,43)
* #3670ca
  + 3 \* 16^1 + 6 \* 16^0 = 54|27 \* 16^1 + 0 \* 16^0 = 112|c \* 16^1 + a \* 16^0 = 202
  + RGB(54,112,202)
* #678fda
  + 6 \* 16^1 + 7 \* 16^0 = 103|8 \* 16^1 + f \* 16^0 = 143|d \* 16^1 + a \* 16^0 = 218
  + RGB(103,143,218)

**Task 2**

Convert the following to hex format: e.g: rgb(123,56,245) = #7b38f5 123 = 16 \* 7 + 1 \* 11 = 7b 56 = 16 \* 3 + 1 \* 8 = 38 245 = 16 \* 15 + 1 \* 5 = f5

* rgb(12,238,13)
  + 16 \* 0 + 1 \* 12 = 0c|16 \* 14 + 1 \* 14 = EE|16 \* 0 + 1 \* 13 = 0D|
  + #0CEE0D
* rgb(23,126,52)
  + 16 \* 1 + 1 \* 7 = 17|16 \* 7 + 1 \* 14 = 7E|16 \* 3 + 1 \* 4 = 34|
  + #177E34
* rgb(112,234,21)
  + 16 \* 7 + 1 \* 0 = 70|16 \* 14 + 1 \* 10 = EA|16 \* 1 + 1 \* 5 = 15|
  + #70EA15
* rgb(123,32,13)
  + 16 \* 7 + 1 \* 11 = 7B|16 \* 2 + 1 \* 0 = 20|16 \* 0 + 1 \* 13 = 0D|
  + #7B200D
* rgba(12,23,44,.4)
  + 16 \* 1 + 1 \* 2 = 12|16 \* 2 + 1 \* 3 = 23|16 \* 4 + 4 \* 13 = 44|
  + #c172c

**Task 3**

List atleast 4 css properties that use rgb or hex colors as part of their values.

1. Color
2. Background-color
3. Border-color
4. Column-rule-color
5. Outline-color