

# Converting Colors

Decimal(6180460)

Have a look what the booklet for  
Decimal(6180460) contains.

<b>Decimal(6180460)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(6180460)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E4E6C
RGB	94, 78, 108
RGB Percent	37%, 31%, 42%
CMY	0.6314, 0.6941, 0.5765
CMYK	0.13, 0.28, 0.00, 0.58
HSL	272°, 16%, 36%
HSV	272°, 28%, 42%
XYZ	10.0473, 8.9112, 15.3778
YIQ	86.2040, -0.0940, 12.7220

# Conversions

## Conversions Part 2

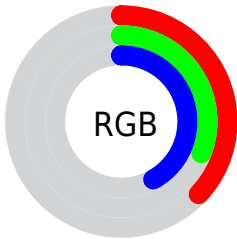
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 78, 108
Decimal	6180460
CIE <sub>Lab</sub>	35.81, 13.08, -14.82
CIE <sub>LCh</sub>	36, 19.770, 311.436
Yxy	8.9112, 0.2926, 0.2595
Android (android.graphics.Color)	4284370540 (0xFF5E4E6C)
YUV	86.2040, 10.7454, 6.8371
Hunter-Lab	29.8516, 7.8381, -9.6467

# Details

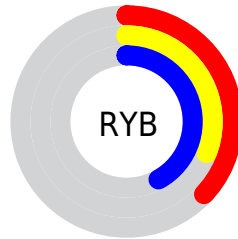
The Decimal color **6180460** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6057038**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **9535392**, and **3088956** is the 20% darker color. If you saturate the color by 10%, you get **5849964**, and if you desaturate by 10%, it is **6510956**.

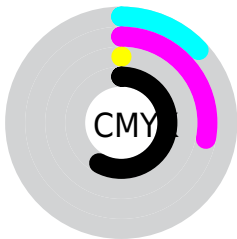
# Distribution



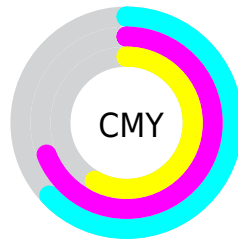
- Red (37%)
- Green (31%)
- Blue (42%)



- Red (37%)
- Yellow (31%)
- Blue (42%)



- Cyan (13%)
- Magenta (28%)
- Yellow (0%)
- Black (58%)



- Cyan (63%)
- Magenta (69%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6180460 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 6180460 by changing the saturation by 10% instead.





6180460



6180460

16777215



4601684



9535392



3088956



11246011



1707047



13087958



273



14929907



0



16772351



6180460



6180460



5849964



6510956



5519468



6841452

5189228

7171692

4858732

7502188

4528236

7832684

4197740

8163180

3867244

8493676

3801196

8823916

9154412

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4740211



6180460



7162463

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6180460



6836279



2317658

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6180460



6057038

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



3497034



6180460



5854517

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6180460



7424832



4741436



2055273

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6180460



7489620



4741436



2645332



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6180460



8880524



5135468



4472903



13092807



4671303



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6180460



7822988



7097963



3354678



4128885



8585461



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



7097948



9199220



5139535



3551283



7667767



16056434



# Previews

## White Background



This preview shows how the Decimal color 6180460 looks on a white background.

## Color Contrast Check

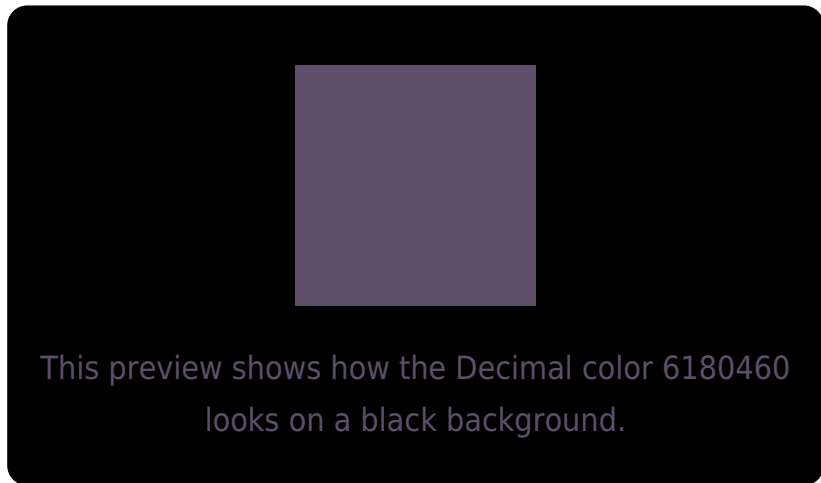
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

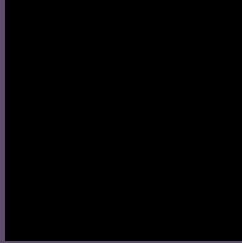
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6180460 Background



This preview shows how black text looks on a background with the Decimal color 6180460.



This preview shows how white text looks on a background with the Decimal color 6180460.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
6180460

**Protanopia**  
5002096

**Deuteranopia**  
5329771



# Trichromacy



**Original Color**  
6180460

**Protanomaly**  
5460335

**Deuteranomaly**  
5656939

**Tritanomaly**  
6050143

# Monochromacy



**Original Color**  
6180460

**Achromatopsia**  
5658198

**Achromatomaly**  
5854046

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6180460 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #5E4E6C looks like.

```
.text, #text, p{  
    color:#5E4E6C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #5E4E6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E4E6C
}
```

## Border

The CSS property to change the border of an element to Decimal 6180460 is called "border". The border property can be set on classes, ids or directly on the HTML element.

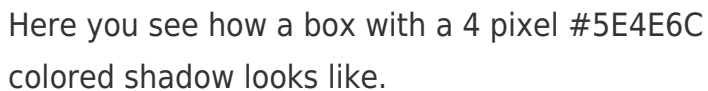
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E4E6C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#5E4E6C }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #5E4E6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E4E6C; -webkit-box-shadow:4px 4px  
4px 4px #5E4E6C; box-shadow:4px 4px 4px  
4px #5E4E6C }
```

# Background

The CSS property to change the background color of an element to Decimal 6180460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E4E6C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#5E4E6C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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