

# Converting Colors

Decimal(6181804)

Have a look what the booklet for  
Decimal(6181804) contains.

<b>Decimal(6181804)</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(6181804)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E53AC
RGB	94, 83, 172
RGB Percent	37%, 33%, 67%
CMY	0.6314, 0.6745, 0.3255
CMYK	0.45, 0.52, 0.00, 0.33
HSL	247°, 35%, 50%
HSV	247°, 52%, 67%
XYZ	15.1557, 11.5448, 40.4593
YIQ	96.4350, -22.0130, 30.0110

# Conversions

## Conversions Part 2

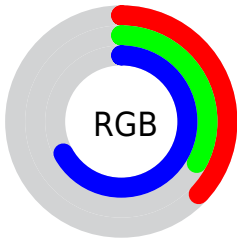
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	94, 83, 172
Decimal	6181804
CIE Lab	40.48, 27.67, -46.40
CIE LCh	40, 54.025, 300.810
Yxy	11.5448, 0.2257, 0.1719
Android (android.graphics.Color)	4284371884 (0xFF5E53AC)
YUV	96.4350, 37.2535, -2.1355
Hunter-Lab	33.9776, 20.1594, -46.8161

# Details

The Decimal color **6181804** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **10595411**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **9799140**, and **2500215** is the 20% darker color. If you saturate the color by 10%, you get **5194412**, and if you desaturate by 10%, it is **7169196**.

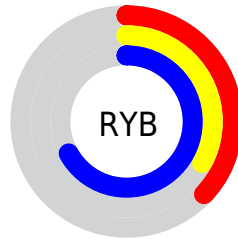
# Distribution



Red (37%)

Green (33%)

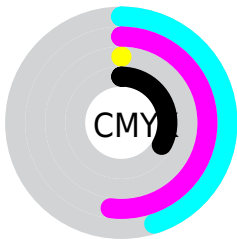
Blue (67%)



Red (37%)

Yellow (33%)

Blue (67%)

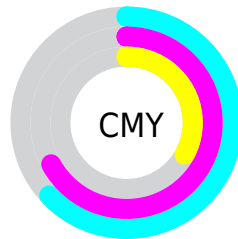


Cyan (45%)

Magenta (52%)

Yellow (0%)

Black (33%)



Cyan (63%)

Magenta (67%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6181804 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 6181804 by changing the saturation by 10% instead.



6181804

6181804

16777215

4406417

9799140

2500215

11640831

4446

13482751

70

15390463

1070

16773887

280

0

6181804

6181804

5194412

7169196

■ 4207020

■ 8156588

■ 3219372

■ 9144236

■ 2231980

■ 10131628

■ 1376428

■ 11119020

■ 12106412

■ 13159340

■ 14146988

■ 15134380

# Harmonies

## Analogous

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



26040



6181804



9780619

# Triad

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



6181804



9718794



29535

# Complementary

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



6181804



10595411

# 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.



28721



6181804



7495168

# Square

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



6181804



11155509



4614656



29580

# Rectangle

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



6181804



10957167



4614656



29520



# Sweetspot

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



6181804



12696800



5481132



6183792



15790320



7368816



# Same Dimension

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



6181804



6706656



9065388



5197399



1245334



196631



# Inverse Universe

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



11293601



14702031



7711827



5721686



9830532



1507348



# Previews

## White Background



This preview shows how the Decimal color 6181804 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 × Fail

# Black Background



This preview shows how the Decimal color 6181804 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

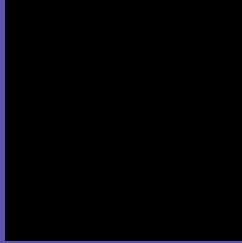
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6181804 Background



This preview shows how black text looks on a background with the Decimal color 6181804.

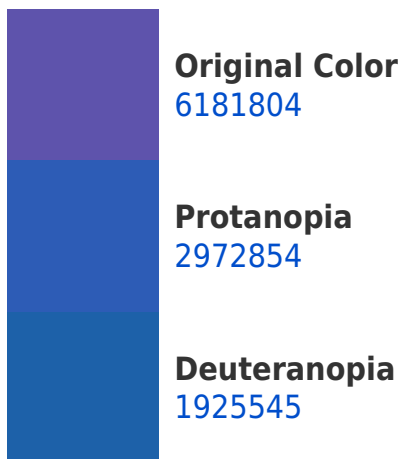


This preview shows how white text looks on a background with the Decimal color 6181804.

# 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





# Trichromacy



**Original Color**  
6181804

**Protanomaly**  
4151730

**Deuteranomaly**  
3497130

**Tritanomaly**  
5463427

# Monochromacy



**Original Color**  
6181804

**Achromatopsia**  
6316128

**Achromatomaly**  
6249340

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6181804 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 #5E53AC looks like.

```
.text, #text, p{  
    color:#5E53AC  
}
```

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 #5E53AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E53AC
}
```

## Border

The CSS property to change the border of an element to Decimal 6181804 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".

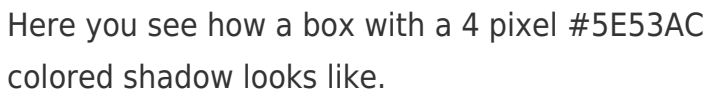
```
.border, #border, table{ border:4px solid
#5E53AC }
```

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

```
.border{ border-color:#5E53AC }
```

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

Here you see how a box with a 4 pixel #5E53AC colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E53AC; -webkit-box-shadow:4px 4px  
4px 4px #5E53AC; box-shadow:4px 4px 4px  
4px #5E53AC }
```

# Background

The CSS property to change the background color of an element to Decimal 6181804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E53AC }
```

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

```
.background{ background-color:#5E53AC }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor