

# Converting Colors

Decimal(6166000)

Have a look what the booklet for  
Decimal(6166000) contains.

<b>Decimal(6166000)</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(6166000)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E15F0
RGB	94, 21, 240
RGB Percent	37%, 8%, 94%
CMY	0.6314, 0.9176, 0.0588
CMYK	0.61, 0.91, 0.00, 0.06
HSL	260°, 88%, 51%
HSV	260°, 91%, 94%
XYZ	20.6124, 9.2073, 83.1289
YIQ	67.7930, -26.7910, 83.5850

# Conversions

## Conversions Part 2

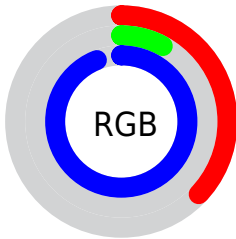
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	94, 21, 240
Decimal	6166000
CIE Lab	36.38, 74.62, -92.48
CIE LCh	36, 118.834, 308.900
Yxy	9.2073, 0.1825, 0.0815
Android (android.graphics.Color)	4284356080 (0xFF5E15F0)
YUV	67.7930, 84.8981, 22.9835
Hunter-Lab	30.3435, 68.1544, -141.1900

# Details

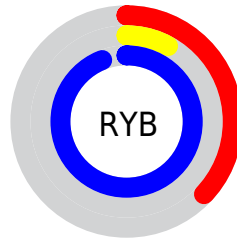
The Decimal color **6166000** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **11005973**, and the grayscale version is **4408131**.

A 20% lighter version of the original color is **10573055**, and **182** is the 20% darker color. If you saturate the color by 10%, you get **5243120**, and if you desaturate by 10%, it is **7220720**.

# Distribution



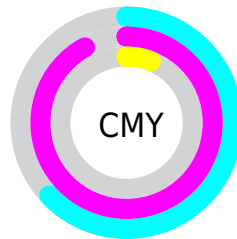
- Red (37%)
- Green (8%)
- Blue (94%)



- Red (37%)
- Yellow (8%)
- Blue (94%)



- Cyan (61%)
- Magenta (91%)
- Yellow (0%)
- Black (6%)






















- Cyan (63%)
- Magenta (92%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6166000 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 6166000 by changing the saturation by 10% instead.



 6166000	 6166000
 16777215	 3539155
 10573055	 182
 12611583	 154
 14715903	 127
 16754687	 1125
 16762111	 2380
 16769535	 1076
 16776959	 542
	 0

■ 6166000

■ 6166000

■ 5243120

■ 7220720

■ 8275440

■ 9330160

■ 10384880

■ 11439600

■ 12494320

■ 13549040

■ 14603760

■ 15658480

# Harmonies

## Analogous

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



24831



6166000



13697181

# Triad

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



6166000



10301440



29553

# Complementary

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



6166000



11005973

# 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.



28672



6166000



5200896

# Square

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



6166000



13828096



27392



30416

# Rectangle

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



6166000



15269982



27392



29264



# Sweetspot

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



6166000



13744895



1419248



6576000



0



8421504



# Same Dimension

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



6166000



5570815



13374960



7367800



3997880



1245240



# Inverse Universe

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



15734183



16711850



3797013



7892084



12058746

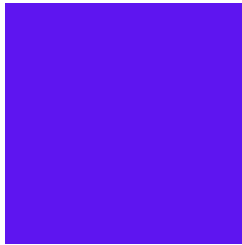


3670053



# Previews

## White Background



This preview shows how the Decimal color 6166000 looks on a white background.

## Color Contrast Check

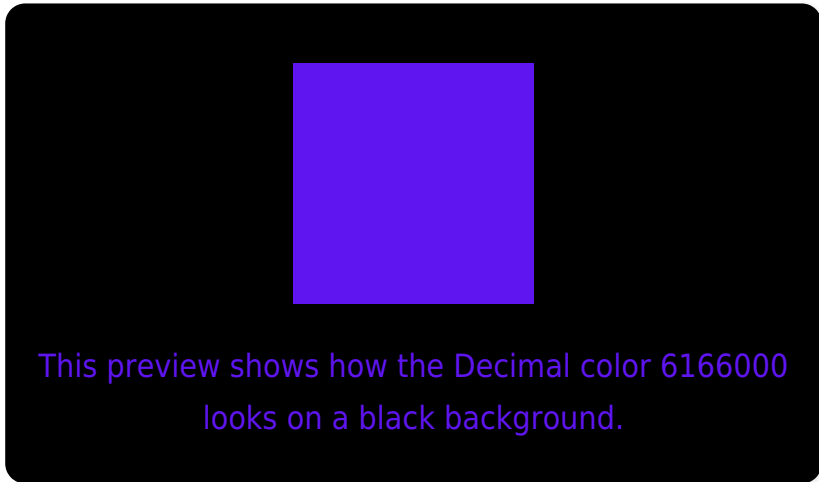
Large Text (above 18pt) WCAG AA ✓ Pass

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

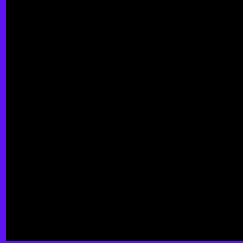
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6166000 Background



This preview shows how black text looks on a background with the Decimal color 6166000.

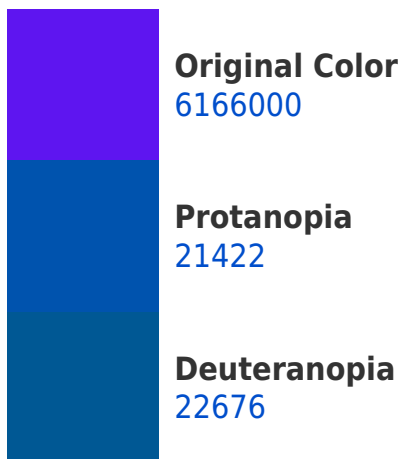



This preview shows how white text looks on a background with the Decimal color 6166000.

# 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





**Tritanopia**  
1269606

# Trichromacy



**Original Color**

6166000



**Protanomaly**

2243782



**Deuteranomaly**

2244789



**Tritanomaly**

3032216

# Monochromacy



**Original Color**

6166000



**Achromatopsia**

4473924



**Achromatomaly**

5059459

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6166000 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 #5E15F0 looks like.

```
.text, #text, p{  
    color:#5E15F0  
}
```

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 #5E15F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E15F0
}
```

## Border

The CSS property to change the border of an element to Decimal 6166000 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
#5E15F0 }
```

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

```
.border{ border-color:#5E15F0 }
```

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

Here you see how a box with a 4 pixel #5E15F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E15F0; -webkit-box-shadow:4px 4px  
4px 4px #5E15F0; box-shadow:4px 4px 4px  
4px #5E15F0 }
```

# Background

The CSS property to change the background color of an element to Decimal 6166000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E15F0 }
```

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

```
.background{ background-color:#5E15F0 }
```

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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