

# Converting Colors

Decimal(6108072)

Have a look what the booklet for  
Decimal(6108072) contains.

<b>Decimal(6108072)</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(6108072)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D33A8
RGB	93, 51, 168
RGB Percent	36%, 20%, 66%
CMY	0.6353, 0.8000, 0.3412
CMYK	0.45, 0.70, 0.00, 0.34
HSL	262°, 53%, 43%
HSV	262°, 70%, 66%
XYZ	12.7659, 7.5220, 37.8248
YIQ	76.8960, -12.5250, 45.2910

# Conversions

## Conversions Part 2

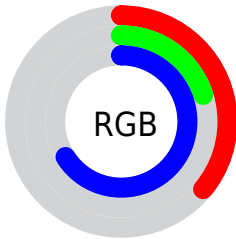
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 51, 168
Decimal	6108072
CIE <sub>Lab</sub>	32.97, 45.00, -56.17
CIE <sub>LCh</sub>	33, 71.969, 308.697
Yxy	7.5220, 0.2197, 0.1294
Android (android.graphics.Color)	4284298152 (0xFF5D33A8)
YUV	76.8960, 44.9143, 14.1232
Hunter-Lab	27.4262, 35.0895, -62.5715

# Details

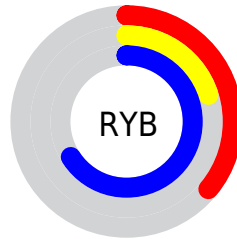
The Decimal color **6108072** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **8300595**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **9790944**, and **2228339** is the 20% darker color. If you saturate the color by 10%, you get **5382824**, and if you desaturate by 10%, it is **6833320**.

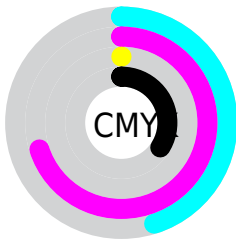
# Distribution



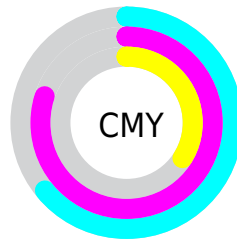
- Red (36%)
- Green (20%)
- Blue (66%)



- Red (36%)
- Yellow (20%)
- Blue (66%)



- Cyan (45%)
- Magenta (70%)
- Yellow (0%)
- Black (34%)



- Cyan (64%)
- Magenta (80%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6108072 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 6108072 by changing the saturation by 10% instead.



6108072

6108072

16777215

4266637

9790944

2228339

11697917

90

13539839

65

15512831

810

16765183

276

16772607

0

6108072

6108072

5382824

6833320

■ 4657576

■ 7558568

■ 3998120

■ 8218024

■ 3932328

■ 8943272

■ 9668520

■ 10393768

■ 11053480

■ 11778472

■ 12503720

# Harmonies

## Analogous

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



20929



6108072



10092664

# Triad

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



6108072



8337920



25437

# Complementary

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



6108072



8300595

# 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.



24864



6108072



5329152

# Square

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



6108072



10486533



23552



25492

# Rectangle

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



6108072



11141203



23552



25417



# Sweetspot

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



6108072



12496347



3375016



6050414



15592941



7237230



# Same Dimension

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



6108072



6628315



9843624



5196884



3473556



458772



# Inverse Universe

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



11023230



14361497



4565043



5524561



9699423

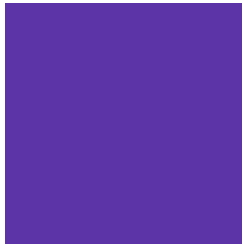


1310733



# Previews

## White Background



This preview shows how the Decimal color 6108072 looks on a white background.

## Color Contrast Check

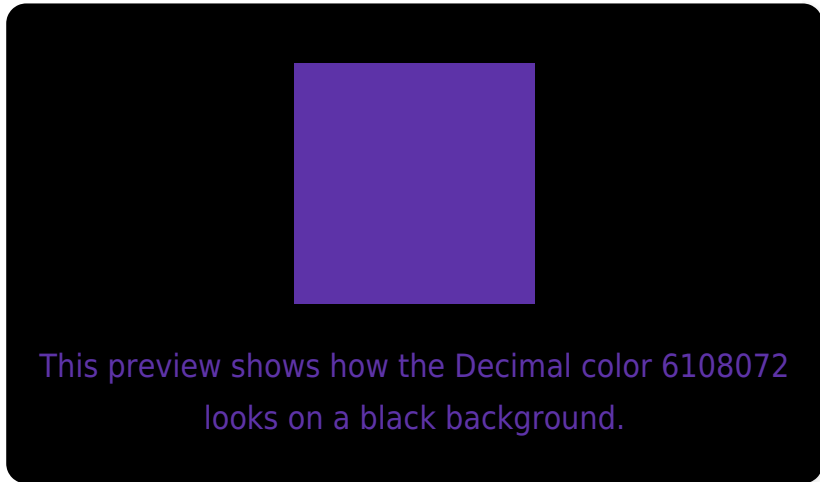
Large Text (above 18pt) WCAG AA ✓ Pass

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

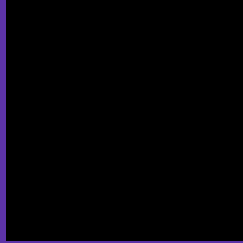
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6108072 Background



This preview shows how black text looks on a background with the Decimal color 6108072.

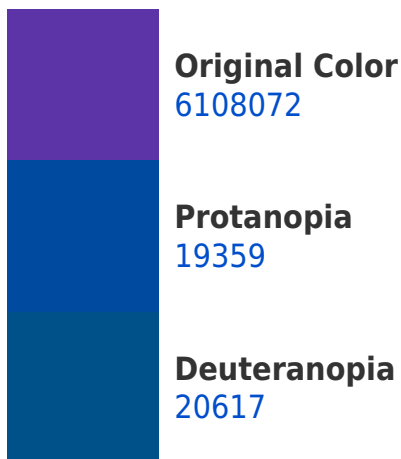



This preview shows how white text looks on a background with the Decimal color 6108072.

# 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**  
4738901

# Trichromacy



**Original Color**  
6108072



**Protanomaly**  
2245282



**Deuteranomaly**  
2246036



**Tritanomaly**  
5260659

# Monochromacy



**Original Color**  
6108072



**Achromatopsia**  
5066061



**Achromatomaly**  
5457006

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6108072 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 #5D33A8 looks like.

```
.text, #text, p{  
  color:#5D33A8  
}
```

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 #5D33A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D33A8
}
```

## Border

The CSS property to change the border of an element to Decimal 6108072 is called "border". The border property can be set on classes, ids or directly on the HTML element.

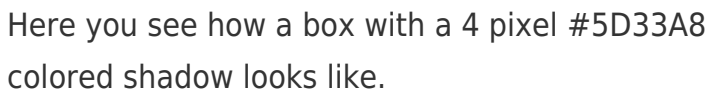
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D33A8 }
```

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

```
.border{ border-color:#5D33A8 }
```

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



Here you see how a box with a 4 pixel #5D33A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D33A8; -webkit-box-shadow:4px 4px  
4px 4px #5D33A8; box-shadow:4px 4px 4px  
4px #5D33A8 }
```

# Background

The CSS property to change the background color of an element to Decimal 6108072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D33A8 }
```

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

```
.background{ background-color:#5D33A8 }
```

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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