

# Converting Colors

Decimal(5789375)

Have a look what the booklet for  
Decimal(5789375) contains.

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# Color

**Decimal(5789375)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 5856BF                     |
| RGB           | 88, 86, 191                |
| RGB Percent   | 35%, 34%, 75%              |
| CMY           | 0.6549, 0.6627, 0.2510     |
| CMYK          | 0.54, 0.55, 0.00, 0.25     |
| HSL           | 241°, 45%, 54%             |
| HSV           | 241°, 55%, 75%             |
| XYZ           | 16.7563, 12.4919, 50.8182  |
| YIQ           | 98.5680, -32.5130, 33.0790 |

# Conversions

## Conversions Part 2

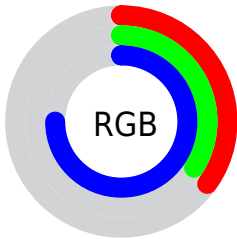
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 88, 86, 191                   |
| Decimal                             | 5789375                       |
| CIE Lab                             | 41.99, 30.41, -55.16          |
| CIE LCh                             | 42, 62.989, 298.872           |
| Yxy                                 | 12.4919, 0.2093,<br>0.1560    |
| Android<br>(android.graphics.Color) | 4283979455<br>(0xFF5856BF)    |
| YUV                                 | 98.5680, 45.5690,<br>-9.2681  |
| Hunter-Lab                          | 35.3438, 22.7738,<br>-60.5079 |

# Details

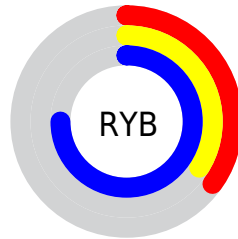
The Decimal color **5789375** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **12435286**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **9537784**, and **1321353** is the 20% darker color. If you saturate the color by 10%, you get **4539327**, and if you desaturate by 10%, it is **7039423**.

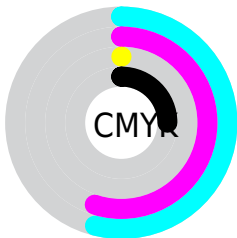
# Distribution



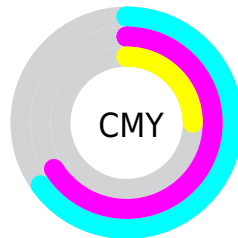
- Red (35%)
- Green (34%)
- Blue (75%)



- Red (35%)
- Yellow (34%)
- Blue (75%)



- Cyan (54%)
- Magenta (55%)
- Yellow (0%)
- Black (25%)



- Cyan (65%)
- Magenta (66%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5789375 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 5789375 by changing the saturation by 10% instead.



■ 5789375

■ 5789375

16777215

■ 3817379

■ 9537784

■ 1321353

■ 11444991

■ 5231

■ 13352447

■ 86

■ 15260159

■ 1597

■ 16774911

■ 807

■ 272

■ 0

■ 5789375

■ 5789375

4539327

7039423

3354815

8223935

2104767

9473983

854719

10724031

262335

11974335

13158847

14408895

15658943

16777151

# Harmonies

## Analogous

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



27340



5789375



10369434

# Triad

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



5789375



10570240



31072

# Complementary

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



5789375



12435286

# 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.



30249



5789375



8019968

# Square

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



5789375



12135989



4681216



31124

# Rectangle

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



5789375



11806329



4681216



30797



# Sweetspot

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



5789375



13750519



5684671



6710653



16579836



8224125



# Same Dimension

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



5789375



5723383



9197247



5592414



196766



65567



# Inverse Universe

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



12539581



16209140



9027414



6182238



10354843

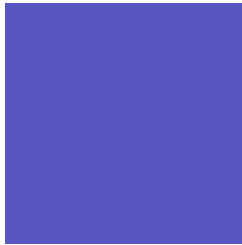


2031646



# Previews

## White Background



This preview shows how the Decimal color 5789375 looks on a white background.

## Color Contrast Check

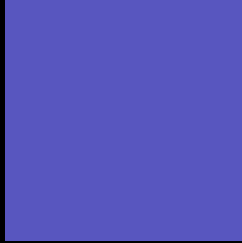
Large Text (above 18pt) WCAG AA ✓ Pass

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 5789375 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

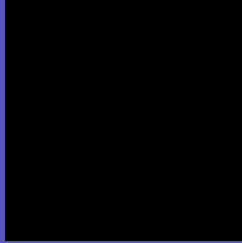
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5789375 Background



This preview shows how black text looks on a background with the Decimal color 5789375.



This preview shows how white text looks on a background with the Decimal color 5789375.

# 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](#).

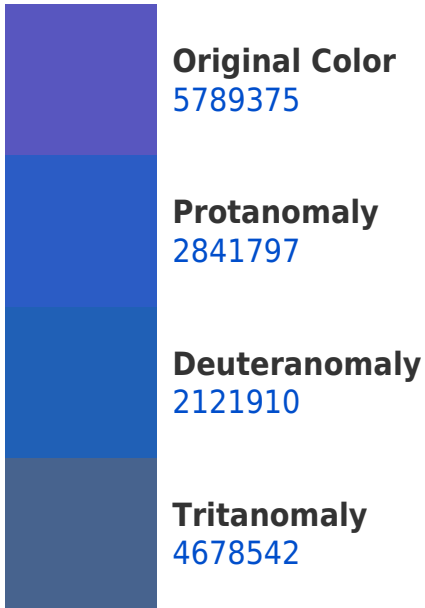
## Dichromacy





**Tritanopia**  
4024946

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5789375 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 #5856BF looks like.

```
.text, #text, p{  
    color:#5856BF  
}
```

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 #5856BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5856BF
}
```

## Border

The CSS property to change the border of an element to Decimal 5789375 is called "border". The border property can be set on classes, ids or directly on the HTML element.

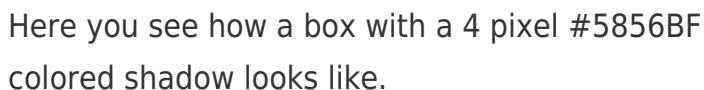
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5856BF }
```

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

```
.border{ border-color:#5856BF }
```

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



Here you see how a box with a 4 pixel #5856BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5856BF; -webkit-box-shadow:4px 4px  
4px 4px #5856BF; box-shadow:4px 4px 4px  
4px #5856BF }
```

# Background

The CSS property to change the background color of an element to Decimal 5789375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5856BF }
```

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

```
.background{ background-color:#5856BF }
```

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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