

# Converting Colors

Decimal(5796799)

Have a look what the booklet for  
Decimal(5796799) contains.

<b>Decimal(5796799)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(5796799)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5873BF
RGB	88, 115, 191
RGB Percent	35%, 45%, 75%
CMY	0.6549, 0.5490, 0.2510
CMYK	0.54, 0.40, 0.00, 0.25
HSL	224°, 45%, 55%
HSV	224°, 54%, 75%
XYZ	19.5592, 18.0978, 51.7526
YIQ	115.5910, -40.4880, 17.9120

# Conversions

## Conversions Part 2

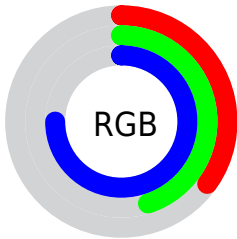
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 109, 191
Decimal	5796799
CIE <sub>Lab</sub>	49.61, 12.37, -42.95
CIE <sub>LCh</sub>	50, 44.701, 286.069
Yxy	18.0978, 0.2188, 0.2024
Android (android.graphics.Color)	4283986879 (0xFF5873BF)
YUV	115.5910, 37.1766, -24.1973
Hunter-Lab	42.5415, 7.6210, -42.3485

# Details

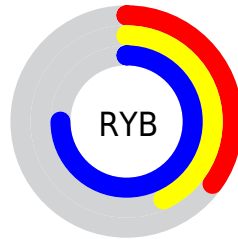
The Decimal color **5796799** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **12559448**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **9480184**, and **1655945** is the 20% darker color. If you saturate the color by 10%, you get **4548031**, and if you desaturate by 10%, it is **7045567**.

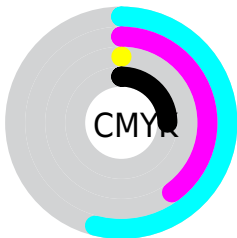
# Distribution



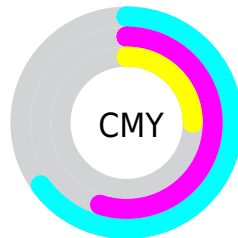
- Red (35%)
- Green (45%)
- Blue (75%)



- Red (35%)
- Yellow (43%)
- Blue (75%)



- Cyan (54%)
- Magenta (40%)
- Yellow (0%)
- Black (25%)



- Cyan (65%)
- Magenta (55%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5796799 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 5796799 by changing the saturation by 10% instead.



■ 5796799

■ 5796799

16777215

■ 3890084

■ 9480184

■ 1655945

■ 11322111

■ 11887

■ 13229823

■ 6742

■ 15137535

■ 63

■ 808

■ 273

■ 0

■ 5796799

■ 5796799

■ 4548031

■ 7045567

■ 3299263

■ 8294335

■ 2050495

■ 9543103

■ 801727

■ 10791871

■ 12991

■ 12106175

■ 13355199

■ 14603967

■ 15852735

■ 16773823

# Harmonies

## Analogous

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



32703



5796799



9593771

# Triad

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



5796799



11689793



34914

# Complementary

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



5796799



12559448

# 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.



5014335



5796799



10120745

# Square

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



5796799



12342627



7830056



35210

# Rectangle

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



5796799



11164310



7830056



2000470



# Sweetspot

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



5796799



13687543



5816228



6646653



16579836



8224125



# Same Dimension

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



5796799



5734903



7362751



5592926



10654



2079



# Inverse Universe

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



12540019



16209793



10993496



6182231



10354729

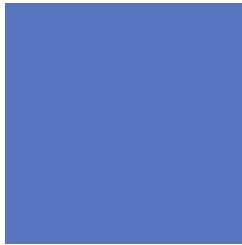


2031624



# Previews

## White Background



This preview shows how the Decimal color 5796799 looks on a white background.

## Color Contrast Check

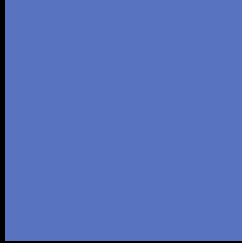
Large Text (above 18pt) WCAG AA ✓ Pass

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 5796799 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

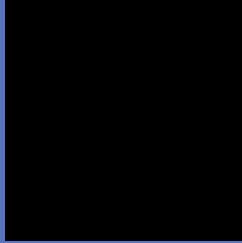
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5796799 Background



This preview shows how black text looks on a background with the Decimal color 5796799.

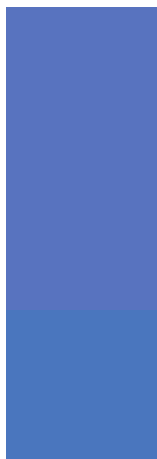


This preview shows how white text looks on a background with the Decimal color 5796799.

# 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



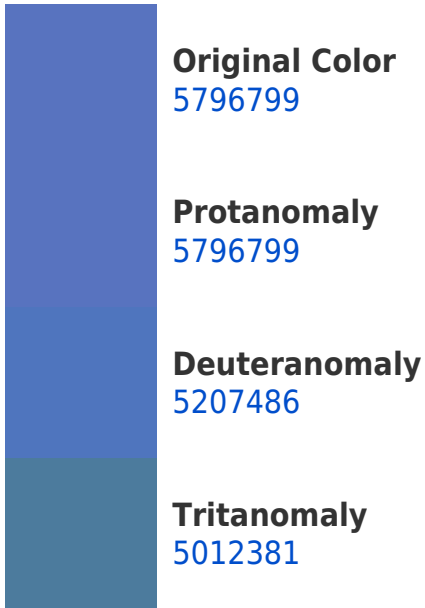
**Original Color**  
5796799

**Protanopia**  
5796799

**Deuteranopia**  
4880062



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5796799 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 #5873BF looks like.

```
.text, #text, p{  
    color:#5873BF  
}
```

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 #5873BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5873BF
}
```

## Border

The CSS property to change the border of an element to Decimal 5796799 is called "border". The border property can be set on classes, ids or directly on the HTML element.

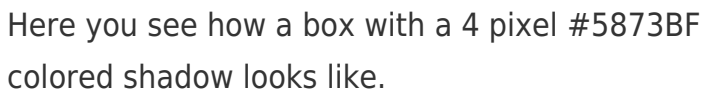
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5873BF }
```

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

```
.border{ border-color:#5873BF }
```

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



Here you see how a box with a 4 pixel #5873BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5873BF; -webkit-box-shadow:4px 4px  
4px 4px #5873BF; box-shadow:4px 4px 4px  
4px #5873BF }
```

# Background

The CSS property to change the background color of an element to Decimal 5796799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5873BF }
```

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

```
.background{ background-color:#5873BF }
```

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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