

# Converting Colors

Decimal(5476799)

Have a look what the booklet for  
Decimal(5476799) contains.

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# Color

**Decimal(5476799)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5391BF
RGB	83, 145, 191
RGB Percent	33%, 57%, 75%
CMY	0.6745, 0.4314, 0.2510
CMYK	0.57, 0.24, 0.00, 0.25
HSL	206°, 46%, 54%
HSV	206°, 57%, 75%
XYZ	23.0966, 25.8514, 53.0627
YIQ	131.7060, -51.7180, 1.1620

# Conversions

## Conversions Part 2

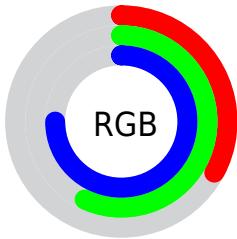
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 122, 191
Decimal	5476799
CIE <sub>Lab</sub>	57.90, -6.50, -29.98
CIE <sub>LCh</sub>	58, 30.679, 257.763
Yxy	25.8514, 0.2264, 0.2534
Android (android.graphics.Color)	4283666879 (0xFF5391BF)
<b>YUV</b>	131.7060, 29.2319, -42.7152
Hunter-Lab	50.8443, -7.8916, -26.2860

# Details

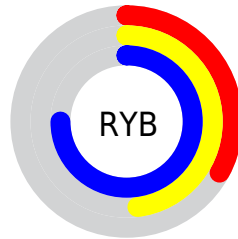
The Decimal color **5476799** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **12550483**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **9226232**, and **810889** is the 20% darker color. If you saturate the color by 10%, you get **4229567**, and if you desaturate by 10%, it is **6724031**.

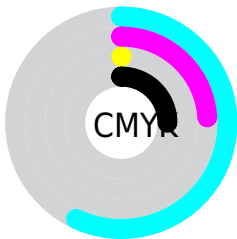
# Distribution



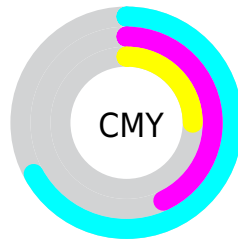
- Red (33%)
- Green (57%)
- Blue (75%)



- Red (33%)
- Yellow (48%)
- Blue (75%)



- Cyan (57%)
- Magenta (24%)
- Yellow (0%)
- Black (25%)



- Cyan (67%)
- Magenta (43%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5476799 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 5476799 by changing the saturation by 10% instead.



■ 5476799

■ 5476799

16777215

■ 3504036

■ 9226232

■ 810889

■ 11068415

■ 18288

■ 12976127

■ 12631

■ 14876671

■ 7231

■ 809

■ 275

■ 0

■ 5476799

■ 5476799

■ 4229567

■ 6724031

■ 2982335

■ 7971263

■ 1735103

■ 9218495

■ 487615

■ 10465983

■ 28351

■ 11778751

■ 13025983

■ 14273215

■ 15520447

■ 16767679

# Harmonies

## Analogous

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



2856882



5476799



8292542

# Triad

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



5476799



12613500



7312742

# Complementary

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



5476799



12550483

# 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.



9277015



5476799



12156261

# Square

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



5476799



12155031



10978903



5085567

# Rectangle

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



5476799



9929398



10978903



7967584



# Sweetspot

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



5476799



13493751



5488512



6582909



16579836



8224125



# Same Dimension

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



5476799



5222647



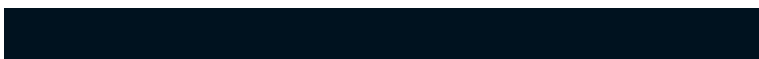
5463231



5593694



23454



4639



# Inverse Universe

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



12538769



16207792



12564051



6182234



10354779



2031634



# Previews

## White Background



This preview shows how the Decimal color 5476799 looks on a white background.

## Color Contrast Check

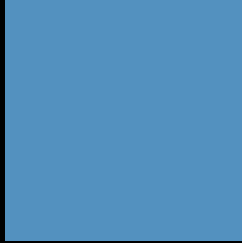
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Decimal color 5476799 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

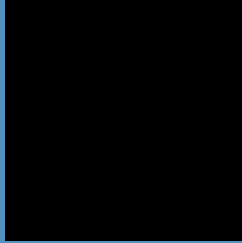
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

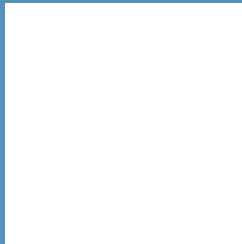
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5476799 Background



This preview shows how black text looks on a background with the Decimal color 5476799.



This preview shows how white text looks on a background with the Decimal color 5476799.

# Color Blindness Simulation

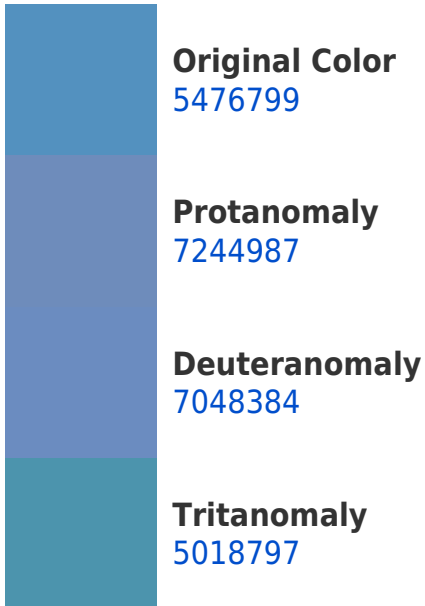
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5476799 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 #5391BF looks like.

```
.text, #text, p{  
    color:#5391BF  
}
```

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 #5391BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5391BF
}
```

## Border

The CSS property to change the border of an element to Decimal 5476799 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
#5391BF }
```

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

```
.border{ border-color:#5391BF }
```

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

Here you see how a box with a 4 pixel #5391BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5391BF; -webkit-box-shadow:4px 4px  
4px 4px #5391BF; box-shadow:4px 4px 4px  
4px #5391BF }
```

# Background

The CSS property to change the background color of an element to Decimal 5476799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5391BF }
```

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

```
.background{ background-color:#5391BF }
```

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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