

# Converting Colors

Decimal(5599709)

Have a look what the booklet for  
Decimal(5599709) contains.

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# Color

**Decimal(5599709)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5571DD
RGB	85, 113, 221
RGB Percent	33%, 44%, 87%
CMY	0.6667, 0.5569, 0.1333
CMYK	0.62, 0.49, 0.00, 0.13
HSL	228°, 67%, 60%
HSV	228°, 62%, 87%
XYZ	22.7026, 18.9620, 70.8701
YIQ	116.9400, -51.3560, 27.6520

# Conversions

## Conversions Part 2

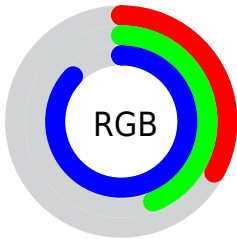
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 108, 221
Decimal	5599709
CIE Lab	50.64, 22.98, -58.42
CIE LCh	51, 62.780, 291.467
Yxy	18.9620, 0.2017, 0.1685
Android (android.graphics.Color)	4283789789 (0xFF5571DD)
YUV	116.9400, 51.3016, -28.0114
Hunter-Lab	43.5454, 16.8574, -66.0127

# Details

The Decimal color **5599709** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **14532949**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **9610495**, and **17061** is the 20% darker color. If you saturate the color by 10%, you get **4153309**, and if you desaturate by 10%, it is **7046109**.

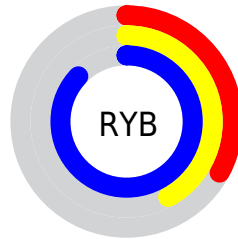
# Distribution



Red (33%)

Green (44%)

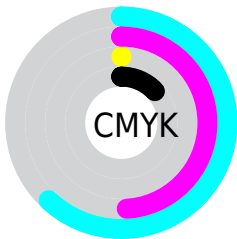
Blue (87%)



Red (33%)

Yellow (42%)

Blue (87%)

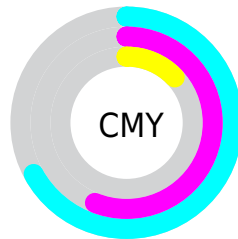


Cyan (62%)

Magenta (49%)

Yellow (0%)

Black (13%)



Cyan (67%)

Magenta (56%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5599709 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 5599709 by changing the saturation by 10% instead.



■ 5599709

■ 5599709

16777215

■ 3365313

■ 9610495

■ 17061

■ 11517951

■ 11402

■ 13491199

■ 6512

■ 15464703

■ 87

■ 1599

■ 808

■ 273

■ 0

■ 5599709

■ 5599709

■ 4153309

■ 7046109

■ 2707165

■ 8492253

■ 1260765

■ 9938653

■ 11997

■ 11384797

■ 12831197

■ 14342877

■ 15789277

■ 16776669

■ 16777181

# Harmonies

## Analogous

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



33763



5599709



11098044

# Triad

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



5599709



12802595



36967

# Complementary

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



5599709



14532949

# 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.



1870640



5599709



10383616

# Square

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



5599709



14041941



7110912



37278

# Rectangle

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



5599709



13059996



7110912



36692



# Sweetspot

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



5599709



13753343



5627328



6515072



0



8421504



# Same Dimension

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



5599709



4352511



8148445



6514030



9389



2350



# Inverse Universe

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



14505329



16728681



11984213



7234405



11337764

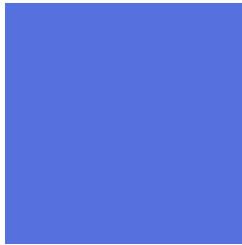


3014665



# Previews

## White Background



This preview shows how the Decimal color 5599709 looks on a white background.

## Color Contrast Check

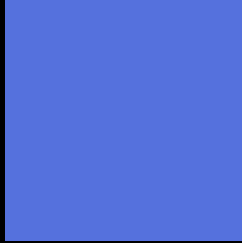
Large Text (above 18pt) WCAG AA ✓ Pass

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 5599709 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

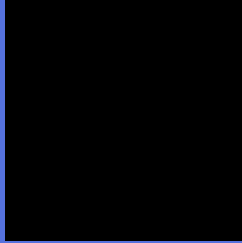
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5599709 Background



This preview shows how black text looks on a background with the Decimal color 5599709.




This preview shows how white text looks on a background with the Decimal color 5599709.

# 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](#).

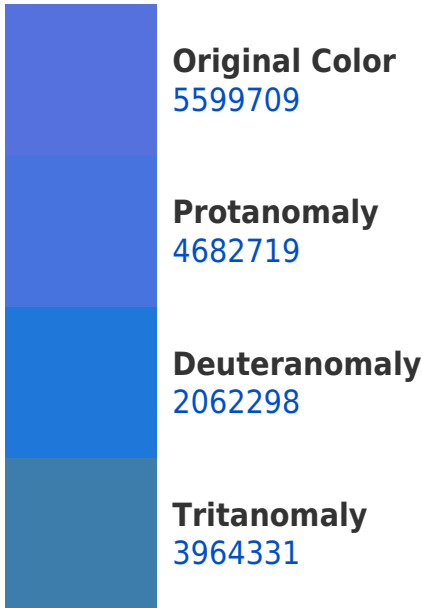
## Dichromacy





**Tritanopia**  
3048590

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5599709 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 #5571DD looks like.

```
.text, #text, p{  
    color:#5571DD  
}
```

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 #5571DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5571DD }  
}
```

## Border

The CSS property to change the border of an element to Decimal 5599709 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 #5571DD }  
}
```

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

```
.border{ border-color:#5571DD }
```

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

Here you see how a box with a 4 pixel #5571DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5571DD; -webkit-box-shadow:4px 4px  
4px 4px #5571DD; box-shadow:4px 4px 4px  
4px #5571DD }
```

# Background

The CSS property to change the background color of an element to Decimal 5599709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5571DD }
```

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

```
.background{ background-color:#5571DD }
```

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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