

# Converting Colors

Decimal(7708617)

Have a look what the booklet for  
Decimal(7708617) contains.

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# **Color**

**Decimal(7708617)**

# Conversions

## Conversions Part 1

Format	Color
Hex	759FC9
RGB	117, 159, 201
RGB Percent	46%, 62%, 79%
CMY	0.5412, 0.3765, 0.2118
CMYK	0.42, 0.21, 0.00, 0.21
HSL	210°, 44%, 62%
HSV	210°, 42%, 79%
XYZ	30.2769, 32.7952, 59.9927
YIQ	151.2300, -38.5140, 4.1580

# Conversions

## Conversions Part 2

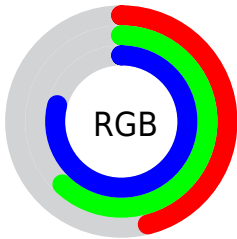
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 145, 201
Decimal	7708617
CIELab	63.99, -3.33, -26.04
CIElCh	64, 26.252, 262.716
Yxy	32.7952, 0.2460, 0.2665
Android (android.graphics.Color)	4285898697 (0xFF759FC9)
YUV	151.2300, 24.5366, -30.0197
Hunter-Lab	57.2671, -5.8453, -22.0249

# Details

The Decimal color **7708617** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **13213557**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **11327231**, and **4156563** is the 20% darker color. If you saturate the color by 10%, you get **6395337**, and if you desaturate by 10%, it is **9021897**.

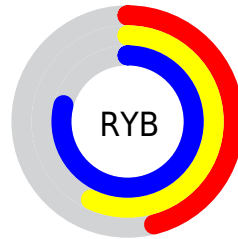
# Distribution



Red (46%)

Green (62%)

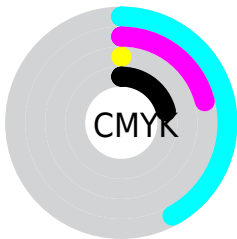
Blue (79%)



Red (46%)

Yellow (57%)

Blue (79%)

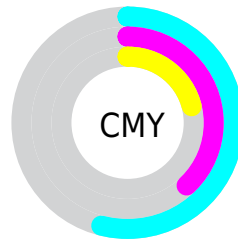


Cyan (42%)

Magenta (21%)

Yellow (0%)

Black (21%)



Cyan (54%)

Magenta (38%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7708617 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 7708617 by changing the saturation by 10% instead.



■ 7708617

■ 7708617

16777215

■ 5932462

■ 11327231

■ 4156563

■ 13169407

■ 2249849

■ 15073279

■ 15712

■ 10056

■ 4657

■ 540

■ 0

■ 7708617

■ 7708617

■ 6395337

■ 9021897

■ 5082057

■ 10335177

■ 3768777

■ 11648457

■ 2455497

■ 12961737

■ 1142217

■ 14340553

■ 26057

■ 15653833

■ 16770505

■ 16773065

■ 16775625

# Harmonies

## Analogous

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



5875136



7708617



9934790

# Triad

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



7708617



13273994



8299902

# Complementary

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



7708617



13213557

# 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.



10067823



7708617



12816503

# Square

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



7708617



12946082



11638893



6596756

# Rectangle

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



7708617



11244222



11638893



8889208

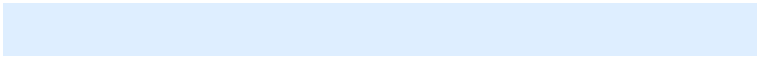


# Sweetspot

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



7708617



14610175



7719327



7042432



0



8421504

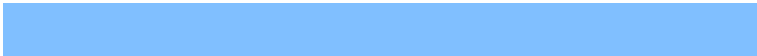


# Same Dimension

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



7708617



8437759



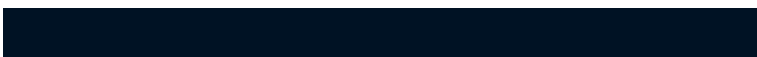
7697865



5922403



21155



4644



# Inverse Universe

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



13202847



16744639



13224309



6511198



10682450

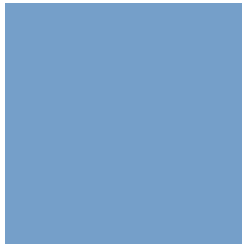


2359314



# Previews

## White Background



This preview shows how the Decimal color 7708617 looks on a white background.

## Color Contrast Check

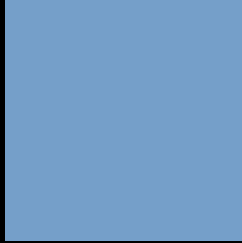
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 7708617 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 ✓ Pass

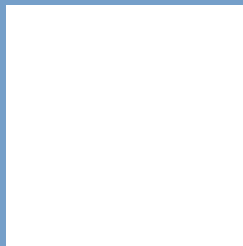
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7708617 Background



This preview shows how black text looks on a background with the Decimal color 7708617.



This preview shows how white text looks on a background with the Decimal color 7708617.

# Color Blindness Simulation

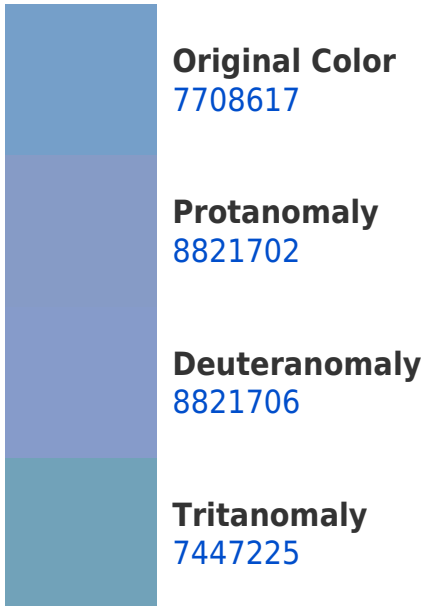
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7708617 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 #759FC9 looks like.

```
.text, #text, p{  
    color:#759FC9  
}
```

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 #759FC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #759FC9
}
```

## Border

The CSS property to change the border of an element to Decimal 7708617 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
#759FC9 }
```

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

```
.border{ border-color:#759FC9 }
```

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

Here you see how a box with a 4 pixel #759FC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #759FC9; -webkit-box-shadow:4px 4px  
4px 4px #759FC9; box-shadow:4px 4px 4px  
4px #759FC9 }
```

# Background

The CSS property to change the background color of an element to Decimal 7708617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#759FC9 }
```

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

```
.background{ background-color:#759FC9 }
```

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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