

# Converting Colors

Decimal(7573449)

Have a look what the booklet for  
Decimal(7573449) contains.

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# **Color**

**Decimal(7573449)**

# Conversions

## Conversions Part 1

Format	Color
Hex	738FC9
RGB	115, 143, 201
RGB Percent	45%, 56%, 79%
CMY	0.5490, 0.4392, 0.2118
CMYK	0.43, 0.29, 0.00, 0.21
HSL	220°, 44%, 62%
HSV	220°, 43%, 79%
XYZ	27.4353, 27.5068, 59.1217
YIQ	141.2400, -35.3060, 12.1020

# Conversions

## Conversions Part 2

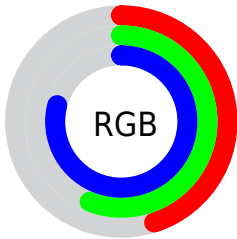
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 136, 201
Decimal	7573449
CIE Lab	59.44, 5.27, -33.09
CIE LCh	59, 33.511, 279.041
Yxy	27.5068, 0.2405, 0.2412
Android (android.graphics.Color)	4285763529 (0xFF738FC9)
YUV	141.2400, 29.4617, -23.0125
Hunter-Lab	52.4469, 1.5923, -30.1228

# Details

The Decimal color **7573449** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **13217139**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **11191807**, and **4021651** is the 20% darker color. If you saturate the color by 10%, you get **6259145**, and if you desaturate by 10%, it is **8887753**.

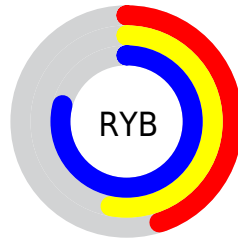
# Distribution



Red (45%)

Green (56%)

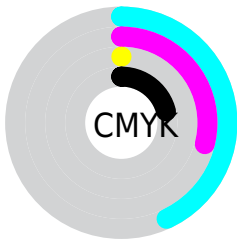
Blue (79%)



Red (45%)

Yellow (53%)

Blue (79%)

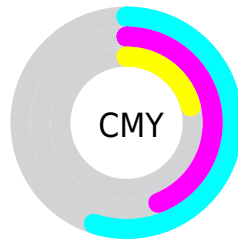


Cyan (43%)

Magenta (29%)

Yellow (0%)

Black (21%)



Cyan (55%)

Magenta (44%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7573449 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 7573449 by changing the saturation by 10% instead.



■ 7573449

■ 7573449

16777215

■ 5797549

■ 11191807

■ 4021651

■ 13033727

■ 2115193

■ 14941695

■ 12384

■ 6984

■ 561

■ 283

■ 0

■ 7573449

■ 7573449

■ 6259145

■ 8887753

■ 4945097

■ 10201801

■ 3630793

■ 11516105

■ 2316745

■ 12830153

■ 1002441

■ 14209993

■ 16841

■ 15524041

■ 16772809

■ 16776137

■ 16777161

# Harmonies

## Analogous

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



4167877



7573449



10388669

# Triad

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



7573449



12942699



5610873

# Complementary

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



7573449



13217139

# 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.



8034400



7573449



11830873

# Square

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



7573449



13138055



10129492



2793367

# Rectangle

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



7573449



11763374



10129492



6462576



# Sweetspot

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



7573449



14608895



7588268



7041664



0



8421504



# Same Dimension

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



7573449



8235007



8483785



5922147



13731



3108



# Inverse Universe

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



13202319



16743847



12306803



6511197



10682421

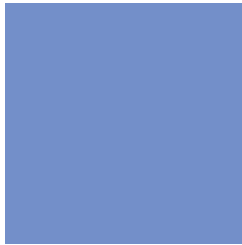


2359308



# Previews

## White Background



This preview shows how the Decimal color 7573449 looks on a white background.

## Color Contrast Check

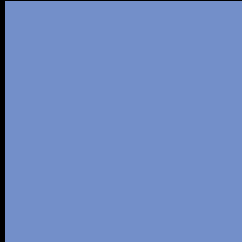
Large Text (above 18pt) WCAG AA ✓ Pass

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 7573449 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

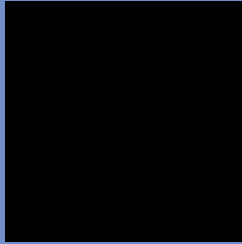
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

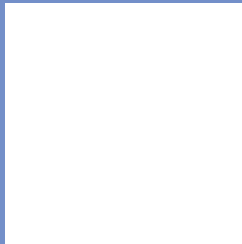
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7573449 Background



This preview shows how black text looks on a background with the Decimal color 7573449.

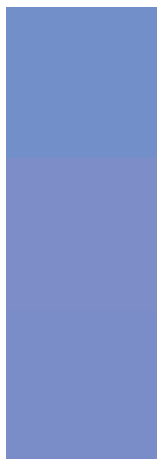


This preview shows how white text looks on a background with the Decimal color 7573449.

# 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**


7573449

**Protanopia**

8228295

**Deuteranopia**

8031689



**Tritanopia**  
6919842

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7573449 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 #738FC9 looks like.

```
.text, #text, p{  
    color:#738FC9  
}
```

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 #738FC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #738FC9
}
```

## Border

The CSS property to change the border of an element to Decimal 7573449 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
#738FC9 }
```

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

```
.border{ border-color:#738FC9 }
```

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

Here you see how a box with a 4 pixel #738FC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #738FC9; -webkit-box-shadow:4px 4px  
4px 4px #738FC9; box-shadow:4px 4px 4px  
4px #738FC9 }
```

# Background

The CSS property to change the background color of an element to Decimal 7573449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#738FC9 }
```

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

```
.background{ background-color:#738FC9 }
```

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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