

# Converting Colors

Decimal(7511754)

Have a look what the booklet for  
Decimal(7511754) contains.

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# **Color**

**Decimal(7511754)**

# Conversions

## Conversions Part 1

Format	Color
Hex	729ECA
RGB	114, 158, 202
RGB Percent	45%, 62%, 79%
CMY	0.5529, 0.3804, 0.2078
CMYK	0.44, 0.22, 0.00, 0.21
HSL	210°, 45%, 62%
HSV	210°, 44%, 79%
XYZ	29.8270, 32.2954, 60.5387
YIQ	149.8600, -40.3480, 4.3560

# Conversions

## Conversions Part 2

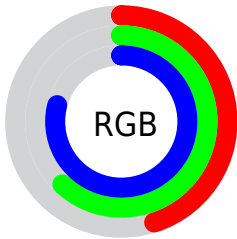
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 143, 202
Decimal	7511754
CIELab	63.59, -3.27, -27.24
CIELCh	64, 27.435, 263.160
Yxy	32.2954, 0.2432, 0.2633
Android (android.graphics.Color)	4285701834 (0xFF729ECA)
YUV	149.8600, 25.7050, -31.4492
Hunter-Lab	56.8290, -5.7643, -23.3800

# Details

The Decimal color **7511754** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **13278834**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **11130111**, and **3894164** is the 20% darker color. If you saturate the color by 10%, you get **6198474**, and if you desaturate by 10%, it is **8825034**.

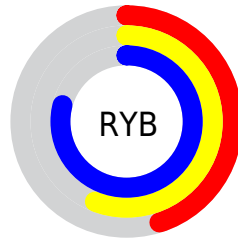
# Distribution



Red (45%)

Green (62%)

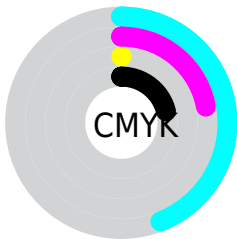
Blue (79%)



Red (45%)

Yellow (56%)

Blue (79%)

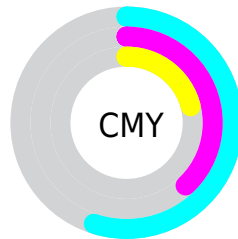


Cyan (44%)

Magenta (22%)

Yellow (0%)

Black (21%)



Cyan (55%)

Magenta (38%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7511754 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 7511754 by changing the saturation by 10% instead.



■ 7511754

■ 7511754

16777215

■ 5735599

■ 11130111

■ 3894164

■ 13038079

■ 1921914

■ 14876671

■ 15457

■ 9801

■ 4658

■ 541

■ 0

■ 7511754

■ 7511754

6198474

8825034

4885194

10138314

3506378

11517130

2193098

12830410

879818

14143946

26058

15457226

16770506

16773066

16775626

# Harmonies

## Analogous

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



5547200



7511754



9868999

# Triad

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



7511754



13339016



8103036

# Complementary

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



7511754



13278834

# 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.



10002029



7511754



12815988

# Square

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



7511754



13011105



11573098



6334355

# Rectangle

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



7511754



11243710



11573098



8757878

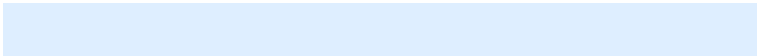


# Sweetspot

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



7511754



14610175



7522974



7042432



0



8421504

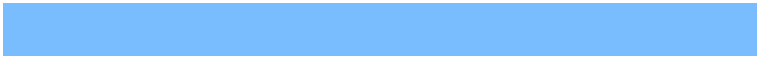


# Same Dimension

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



7511754



8044031



7500490



6054246



21414



4902



# Inverse Universe

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



13267614



16743101



13290098



6708321



10879059

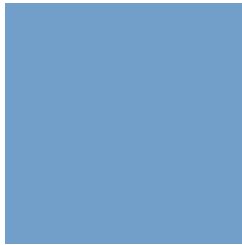


2490387



# Previews

## White Background



This preview shows how the Decimal color 7511754 looks on a white background.

## Color Contrast Check

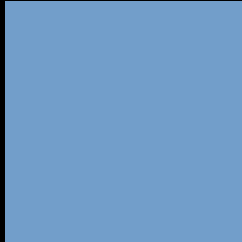
Large Text (above 18pt) WCAG AA × Fail

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 7511754 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 7511754 Background



This preview shows how black text looks on a background with the Decimal color 7511754.



This preview shows how white text looks on a background with the Decimal color 7511754.

# Color Blindness Simulation

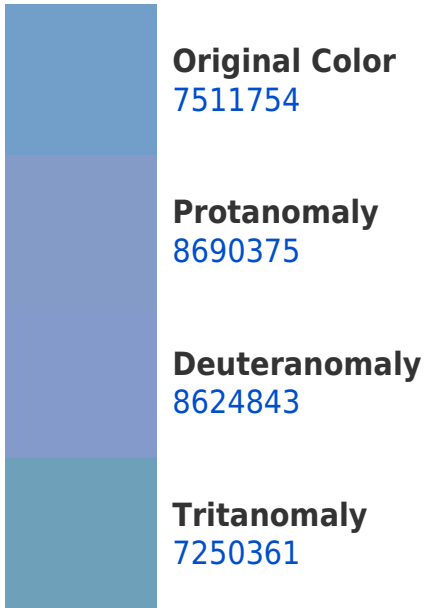
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7511754 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 #729ECA looks like.

```
.text, #text, p{  
    color:#729ECA  
}
```

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 #729ECA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #729ECA
}
```

## Border

The CSS property to change the border of an element to Decimal 7511754 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
#729ECA }
```

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

```
.border{ border-color:#729ECA }
```

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

Here you see how a box with a 4 pixel #729ECA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #729ECA; -webkit-box-shadow:4px 4px  
4px 4px #729ECA; box-shadow:4px 4px 4px  
4px #729ECA }
```

# Background

The CSS property to change the background color of an element to Decimal 7511754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#729ECA }
```

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

```
.background{ background-color:#729ECA }
```

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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