

# Converting Colors

Decimal(7775950)

Have a look what the booklet for  
Decimal(7775950) contains.

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# **Color**

**Decimal(7775950)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76A6CE
RGB	118, 166, 206
RGB Percent	46%, 65%, 81%
CMY	0.5373, 0.3490, 0.1922
CMYK	0.43, 0.19, 0.00, 0.19
HSL	207°, 47%, 64%
HSV	207°, 43%, 81%
XYZ	32.2480, 35.5802, 63.5605
YIQ	156.2080, -41.4480, 2.2640

# Conversions

## Conversions Part 2

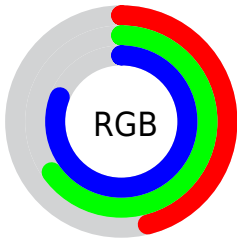
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 149, 206
Decimal	7775950
CIE <sub>Lab</sub>	66.20, -5.57, -25.43
CIE <sub>LCh</sub>	66, 26.032, 257.646
Yxy	35.5802, 0.2454, 0.2708
Android (android.graphics.Color)	4285966030 (0xFF76A6CE)
YUV	156.2080, 24.5475, -33.5084
Hunter-Lab	59.6492, -7.8839, -21.4234

# Details

The Decimal color **7775950** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **13540982**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **11394559**, and **4158104** is the 20% darker color. If you saturate the color by 10%, you get **6397390**, and if you desaturate by 10%, it is **9154510**.

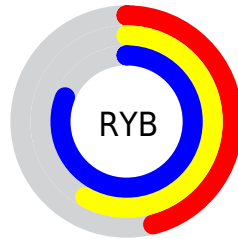
# Distribution



Red (46%)

Green (65%)

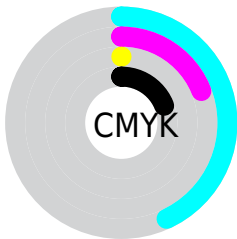
Blue (81%)



Red (46%)

Yellow (58%)

Blue (81%)

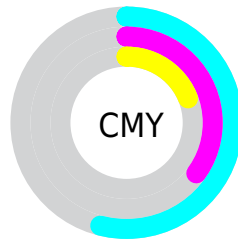


Cyan (43%)

Magenta (19%)

Yellow (0%)

Black (19%)



Cyan (54%)

Magenta (35%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7775950 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 7775950 by changing the saturation by 10% instead.



■ 7775950

■ 7775950

16777215

■ 5999794

■ 11394559

■ 4158104

■ 13302527

■ 2251390

■ 15204351

■ 16996

■ 11340

■ 6197

■ 544

■ 4

■ 0

■ 7775950

■ 7775950

■ 6397390

■ 9154510

■ 5084110

■ 10467790

■ 3705550

■ 11846350

■ 2392526

■ 13159374

■ 1013710

■ 14538190

■ 28878

■ 15916750

■ 16771278

■ 16773582

■ 16775886

# Harmonies

## Analogous

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



6204355



7775950



9936589

# Triad

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



7775950



13668500



9022081

# Complementary

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



7775950



13540982

# 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.



10790004



7775950



13342079

# Square

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



7775950



13210028



12295284



7318934

# Rectangle

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



7775950



11311558



12295284



9611387

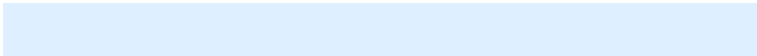


# Sweetspot

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



7775950



14610687



7786142



7042688



0



8421504

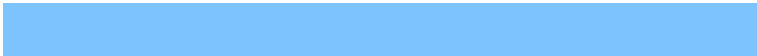


# Same Dimension

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



7775950



8242431



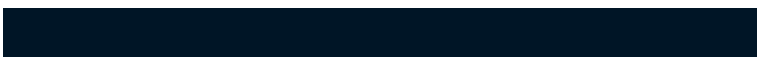
7764686



6054246



23206



5414



# Inverse Universe

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



13530790



16743876



13552246



6708321



10879066



2490389



# Previews

## White Background



This preview shows how the Decimal color 7775950 looks on a white background.

## Color Contrast Check

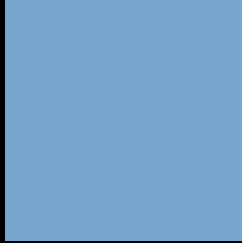
Large Text (above 18pt) WCAG AA × Fail

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 7775950 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 7775950 Background



This preview shows how black text looks on a background with the Decimal color 7775950.



This preview shows how white text looks on a background with the Decimal color 7775950.

# Color Blindness Simulation

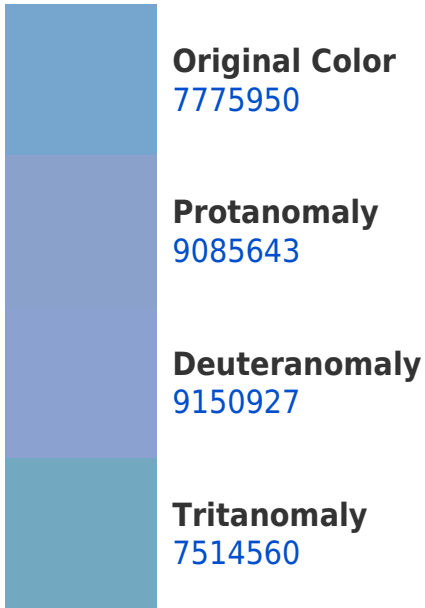
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7775950 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 #76A6CE looks like.

```
.text, #text, p{  
    color:#76A6CE  
}
```

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 #76A6CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A6CE
}
```

## Border

The CSS property to change the border of an element to Decimal 7775950 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
#76A6CE }
```

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

```
.border{ border-color:#76A6CE }
```

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

Here you see how a box with a 4 pixel #76A6CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A6CE; -webkit-box-shadow:4px 4px  
4px 4px #76A6CE; box-shadow:4px 4px 4px  
4px #76A6CE }
```

# Background

The CSS property to change the background color of an element to Decimal 7775950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A6CE }
```

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

```
.background{ background-color:#76A6CE }
```

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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