

# Converting Colors

Decimal(7709118)

Have a look what the booklet for  
Decimal(7709118) contains.

<b>Decimal(7709118)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(7709118)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75A1BE
RGB	117, 161, 190
RGB Percent	46%, 63%, 75%
CMY	0.5412, 0.3686, 0.2549
CMYK	0.38, 0.15, 0.00, 0.25
HSL	204°, 36%, 60%
HSV	204°, 38%, 75%
XYZ	29.3753, 32.9894, 53.5345
YIQ	151.1500, -35.5330, -0.3090

# Conversions

## Conversions Part 2

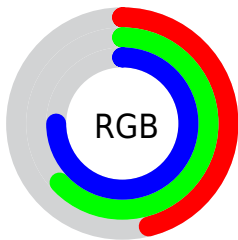
Format	Color
R <sub>Y</sub> B	117, 144, 190
Decimal	7709118
CIE Lab	64.15, -7.43, -19.66
CIE LCh	64, 21.018, 249.294
Yxy	32.9894, 0.2535, 0.2846
Android (android.graphics.Color)	4285899198 (0xFF75A1BE)
YUV	151.1500, 19.1531, -29.9495
Hunter-Lab	57.4364, -9.2216, -15.0568

# Details

The Decimal color **7709118** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **12489333**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **11262198**, and **4222601** is the 20% darker color. If you saturate the color by 10%, you get **6461886**, and if you desaturate by 10%, it is **8956350**.

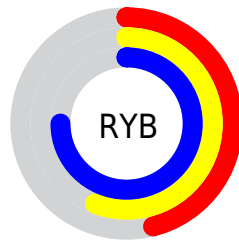
# Distribution



Red (46%)

Green (63%)

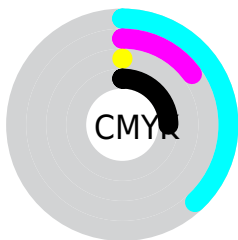
Blue (75%)



Red (46%)

Yellow (56%)

Blue (75%)

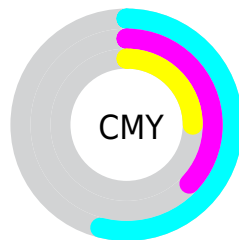


Cyan (38%)

Magenta (15%)

Yellow (0%)

Black (25%)



Cyan (54%)

Magenta (37%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7709118 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 7709118 by changing the saturation by 10% instead.



■ 7709118

■ 7709118

16777215

■ 5998499

■ 11262198

■ 4222601

■ 13169919

■ 2446703

■ 15007743

■ 147031

■ 10303

■ 5161

■ 276

■ 0

■ 7709118

■ 7709118

■ 6461886

■ 8956350

■ 5214910

■ 10203326

■ 3967678

■ 11450558

■ 2720702

■ 12697534

■ 1473470

■ 13944766

■ 226494

■ 15191742

■ 29630

■ 16438974

■ 16768446

■ 16770494

# Harmonies

## Analogous

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



6792627



7709118



9280448

# Triad

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



7709118



12750486



9413246

# Complementary

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



7709118



12489333

# 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.



10787958



7709118



12620165

# Square

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



7709118



12161193



11900537



8037774

# Rectangle

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



7709118



10393532



11900537



9871483

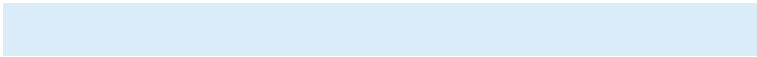


# Sweetspot

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



7709118



14347511



7716497



7042685



16579836



8224125



# Same Dimension

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



7709118



8833783



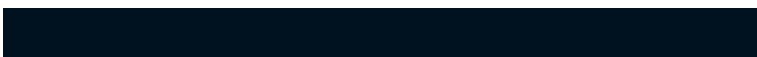
7700158



5593950



24478



4639



# Inverse Universe

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



12481953



16221898



12498293



6182235



10354783

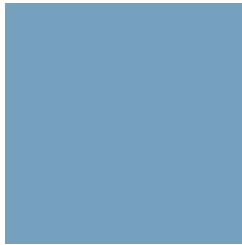


2031634



# Previews

## White Background



This preview shows how the Decimal color 7709118 looks on a white background.

## Color Contrast Check

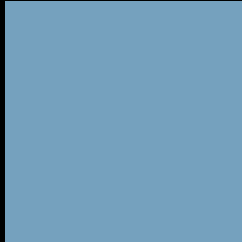
Large Text (above 18pt) WCAG AA × Fail

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 7709118 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 7709118 Background



This preview shows how black text looks on a background with the Decimal color 7709118.




This preview shows how white text looks on a background with the Decimal color 7709118.

# 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**  
7513008

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7709118 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 #75A1BE looks like.

```
.text, #text, p{  
    color:#75A1BE  
}
```

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 #75A1BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75A1BE
}
```

## Border

The CSS property to change the border of an element to Decimal 7709118 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
#75A1BE }
```

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

```
.border{ border-color:#75A1BE }
```

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

Here you see how a box with a 4 pixel #75A1BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75A1BE; -webkit-box-shadow:4px 4px  
4px 4px #75A1BE; box-shadow:4px 4px 4px  
4px #75A1BE }
```

# Background

The CSS property to change the background color of an element to Decimal 7709118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75A1BE }
```

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

```
.background{ background-color:#75A1BE }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor