

# Converting Colors

Decimal(7638976)

Have a look what the booklet for  
Decimal(7638976) contains.

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# **Color**

**Decimal(7638976)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 748FC0                     |
| RGB         | 116, 143, 192              |
| RGB Percent | 45%, 56%, 75%              |
| CMY         | 0.5451, 0.4392, 0.2471     |
| CMYK        | 0.40, 0.26, 0.00, 0.25     |
| HSL         | 219°, 38%, 60%             |
| HSV         | 219°, 40%, 75%             |
| XYZ         | 26.5393, 27.1637, 53.7135  |
| YIQ         | 140.5130, -31.8210, 9.5150 |

# Conversions

## Conversions Part 2

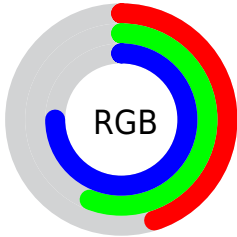
| <b>Format</b>                       | <b>Color</b>                                    |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">116, 136, 192</a>                   |
| Decimal                             | <a href="#">7638976</a>                         |
| CIELab                              | <a href="#">59.13, 2.99, -28.50</a>             |
| CIElCh                              | <a href="#">59, 28.659, 275.983</a>             |
| Yxy                                 | <a href="#">27.1637, 0.2471,<br/>0.2529</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4285829056<br/>(0xFF748FC0)</a>     |
| YUV                                 | <a href="#">140.5130, 25.3831,<br/>-21.4979</a> |
| Hunter-Lab                          | <a href="#">52.1188, -0.3142,<br/>-24.6210</a>  |

# Details

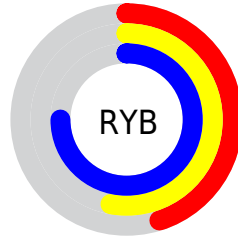
The Decimal color **7638976** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **12625268**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **11191801**, and **4152714** is the 20% darker color. If you saturate the color by 10%, you get **6390720**, and if you desaturate by 10%, it is **8887232**.

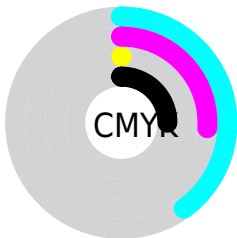
# Distribution



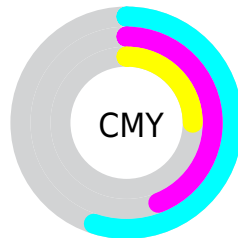
- Red (45%)
- Green (56%)
- Blue (75%)



- Red (45%)
- Yellow (53%)
- Blue (75%)



- Cyan (40%)
- Magenta (26%)
- Yellow (0%)
- Black (25%)



- Cyan (55%)
- Magenta (44%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7638976 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 7638976 by changing the saturation by 10% instead.



■ 7638976

■ 7638976

16777215

■ 5928357

■ 11191801

■ 4152714

■ 13033983

■ 2377329

■ 14941695

■ 12120

■ 6976

■ 810

■ 276

■ 0

■ 7638976

■ 7638976

6390720

8887232

5142208

10135744

3828416

11449536

2579904

12698048

1331648

13946304

83392

15194560

17600

16443072

16773824

16776896

# Harmonies

## Analogous

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



5150396



7638976



9995959

# Triad

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



7638976



12484210



6462073

# Complementary

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



7638976



12625268

# 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.



8361573



7638976



11634273

# Square

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



7638976



12549002



10194524



4562067

# Rectangle

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



7638976



11239595



10194524



7117169



# Sweetspot

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



7638976



14477306



7651492



7041661



16579836



8224125



# Same Dimension

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



7638976



8564218



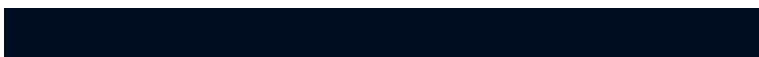
8287424



5725025



14753



3105



# Inverse Universe

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



12612751



16417453



11976820



6379355



10551353

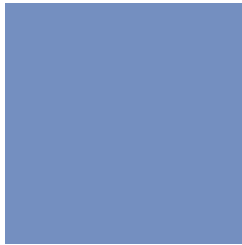


2162700



# Previews

## White Background



This preview shows how the Decimal color 7638976 looks on a white background.

## Color Contrast Check

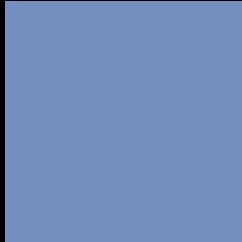
Large Text (above 18pt) WCAG AA ✓ Pass

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 7638976 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

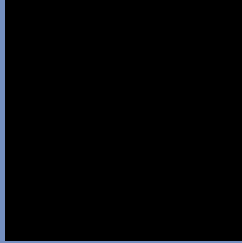
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

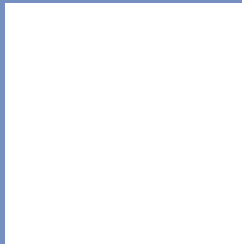
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7638976 Background



This preview shows how black text looks on a background with the Decimal color 7638976.

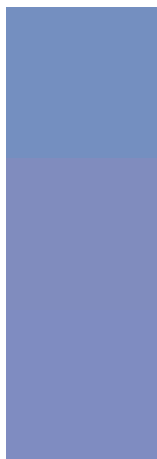


This preview shows how white text looks on a background with the Decimal color 7638976.

# 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**


7638976

**Protanopia**

8424638

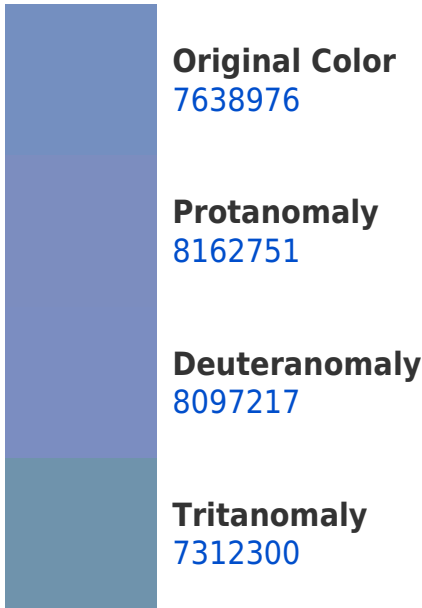
**Deuteranopia**

8359105



**Tritanopia**  
7116193

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7638976 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 #748FC0 looks like.

```
.text, #text, p{  
  color:#748FC0  
}
```

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 #748FC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #748FC0
}
```

## Border

The CSS property to change the border of an element to Decimal 7638976 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
#748FC0 }
```

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

```
.border{ border-color:#748FC0 }
```

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

Here you see how a box with a 4 pixel #748FC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #748FC0; -webkit-box-shadow:4px 4px  
4px 4px #748FC0; box-shadow:4px 4px 4px  
4px #748FC0 }
```

# Background

The CSS property to change the background color of an element to Decimal 7638976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#748FC0 }
```

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

```
.background{ background-color:#748FC0 }
```

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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