

# Converting Colors

Decimal(7639232)

Have a look what the booklet for  
Decimal(7639232) contains.

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# **Color**

**Decimal(7639232)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7490C0
RGB	116, 144, 192
RGB Percent	45%, 56%, 75%
CMY	0.5451, 0.4353, 0.2471
CMYK	0.40, 0.25, 0.00, 0.25
HSL	218°, 38%, 60%
HSV	218°, 40%, 75%
XYZ	26.6901, 27.4653, 53.7638
YIQ	141.1000, -32.0960, 8.9920

# Conversions

## Conversions Part 2

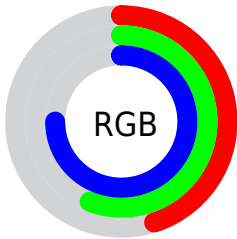
Format	Color
R <sub>Y</sub> B	116, 136, 192
Decimal	7639232
CIE Lab	59.40, 2.41, -28.07
CIE LCh	59, 28.178, 274.908
Yxy	27.4653, 0.2473, 0.2545
Android (android.graphics.Color)	4285829312 (0xFF7490C0)
YUV	141.1000, 25.0937, -22.0127
Hunter-Lab	52.4073, -0.8059, -24.1394

# Details

The Decimal color **7639232** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **12625012**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **11192057**, and **4152970** is the 20% darker color. If you saturate the color by 10%, you get **6390976**, and if you desaturate by 10%, it is **8887488**.

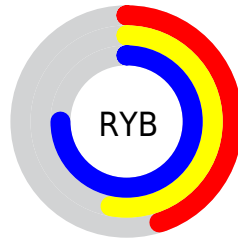
# Distribution



Red (45%)

Green (56%)

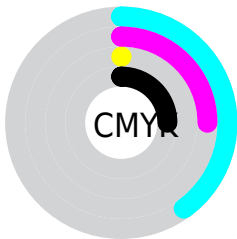
Blue (75%)



Red (45%)

Yellow (53%)

Blue (75%)

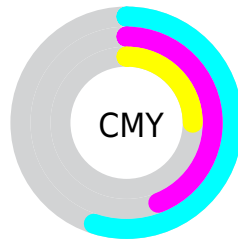


Cyan (40%)

Magenta (25%)

Yellow (0%)

Black (25%)



Cyan (55%)

Magenta (44%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7639232 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 7639232 by changing the saturation by 10% instead.





7639232



7639232

16777215



5928613



11192057



4152970



13034239



2377329



14941951



12376



7232



810



276



0



7639232



7639232

■ 6390976

■ 8887488

■ 5142720

■ 10135744

■ 3828928

■ 11449536

■ 2580416

■ 12698048

■ 1332160

■ 13946304

■ 83904

■ 15194560

■ 18368

■ 16442816

■ 16773568

■ 16776640

# Harmonies

## Analogous

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



5216187



7639232



9996216

# Triad

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



7639232



12484468



6593401

# Complementary

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



7639232



12625012

# 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.



8492646



7639232



11699811

# Square

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



7639232



12549260



10260317



4758930

# Rectangle

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



7639232



11240108



10260317



7248242



# Sweetspot

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



7639232



14477306



7651491



7041661



16579836



8224125

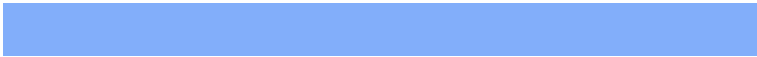


# Same Dimension

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



7639232



8564474



8221888



5725025



15265



3105



# Inverse Universe

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



12612752



16417454



12042356



6379355



10551355

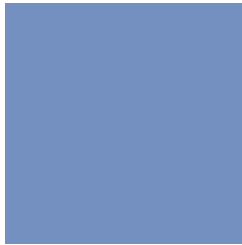


2162700



# Previews

## White Background



This preview shows how the Decimal color 7639232 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 7639232 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

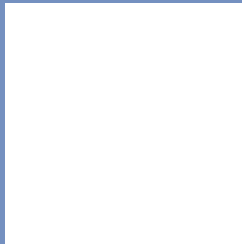
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7639232 Background



This preview shows how black text looks on a background with the Decimal color 7639232.




This preview shows how white text looks on a background with the Decimal color 7639232.

# 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](#).

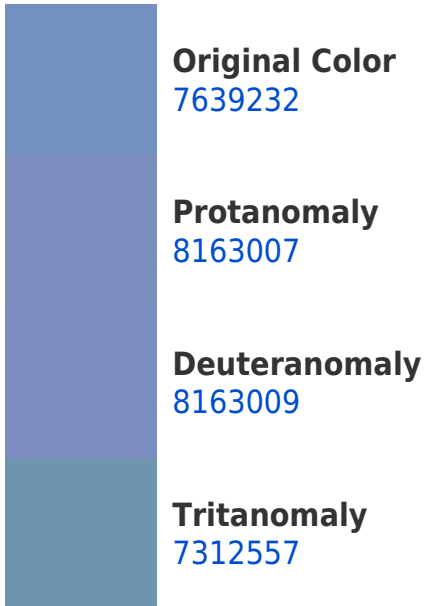
## Dichromacy





**Tritanopia**  
7116450

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7639232 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 #7490C0 looks like.

```
.text, #text, p{  
    color:#7490C0  
}
```

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 #7490C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7490C0
}
```

## Border

The CSS property to change the border of an element to Decimal 7639232 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
#7490C0 }
```

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

```
.border{ border-color:#7490C0 }
```

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

Here you see how a box with a 4 pixel #7490C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7490C0; -webkit-box-shadow:4px 4px  
4px 4px #7490C0; box-shadow:4px 4px 4px  
4px #7490C0 }
```

# Background

The CSS property to change the background color of an element to Decimal 7639232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7490C0 }
```

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

```
.background{ background-color:#7490C0 }
```

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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