

# Converting Colors

Decimal(7639788)

Have a look what the booklet for  
Decimal(7639788) contains.

<b>Decimal(7639788)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Decimal(7639788)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7492EC
RGB	116, 146, 236
RGB Percent	45%, 57%, 93%
CMY	0.5451, 0.4275, 0.0745
CMYK	0.51, 0.38, 0.00, 0.07
HSL	225°, 76%, 69%
HSV	225°, 51%, 93%
XYZ	32.6217, 30.3269, 83.4912
YIQ	147.2900, -46.7700, 21.6300

# Conversions

## Conversions Part 2

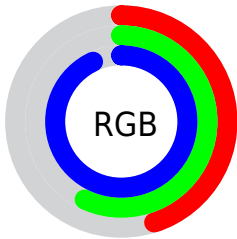
Format	Color
R <sub>Y</sub> B	116, 140, 236
Decimal	7639788
CIE Lab	61.94, 14.15, -48.69
CIE LCh	62, 50.701, 286.201
Yxy	30.3269, 0.2228, 0.2071
Android (android.graphics.Color)	4285829868 (0xFF7492EC)
YUV	147.2900, 43.7340, -27.4413
Hunter-Lab	55.0699, 9.3655, -51.3404

# Details

The Decimal color **7639788** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **15519348**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **11454719**, and **3629236** is the 20% darker color. If you saturate the color by 10%, you get **6062316**, and if you desaturate by 10%, it is **9217260**.

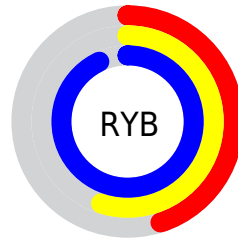
# Distribution



Red (45%)

Green (57%)

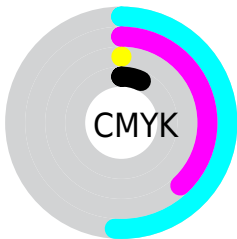
Blue (93%)



Red (45%)

Yellow (55%)

Blue (93%)

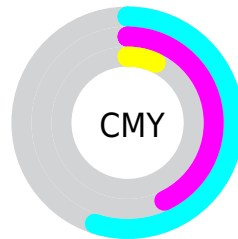


Cyan (51%)

Magenta (38%)

Yellow (0%)

Black (7%)



Cyan (55%)

Magenta (43%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7639788 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 7639788 by changing the saturation by 10% instead.



■ 7639788

■ 7639788

16777215

■ 5732559

■ 11454719

■ 3629236

■ 13362431

■ 674200

■ 15335423

■ 13182

■ 8037

■ 1356

■ 1332

■ 542

■ 1

■ 7639788

■ 7639788

■ 6062316

■ 9217260

■ 4550636

■ 10728940

■ 2973164

■ 12306412

■ 1461228

■ 13818348

■ 15340

■ 15395820

■ 16776428

■ 16777196

# Harmonies

## Analogous

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



41197



7639788



12091604

# Triad

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



7639788



14580567



43903

# Complementary

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



7639788



15519348

# 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.



6595925



7639788



12684348

# Square

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



7639788



15298431



10001210



44205

# Rectangle

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



7639788



13923771



10001210



3320176



# Sweetspot

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



7639788



14279423



7662798



6909568



0



8421504



# Same Dimension

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



7639788



6523647



9598188



6974837



11701



3382



# Inverse Universe

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



15496338



16737162



13560948



7694957



11862061

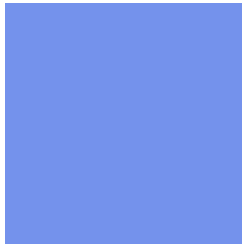


3538957



# Previews

## White Background



This preview shows how the Decimal color 7639788 looks on a white background.

## Color Contrast Check

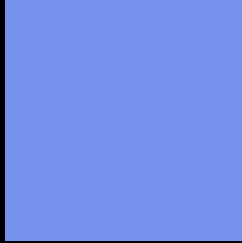
Large Text (above 18pt) WCAG AA × Fail

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 7639788 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 7639788 Background



This preview shows how black text looks on a background with the Decimal color 7639788.



This preview shows how white text looks on a background with the Decimal color 7639788.

# 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**

7639788

**Protanopia**

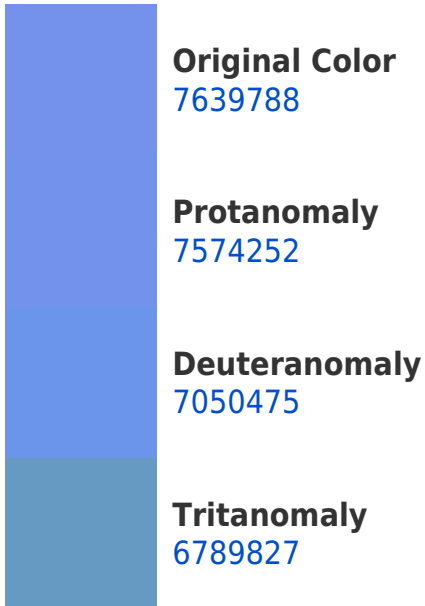
7574252

**Deuteranopia**

6723051



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7639788 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 #7492EC looks like.

```
.text, #text, p{  
    color:#7492EC  
}
```

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 #7492EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7492EC
}
```

## Border

The CSS property to change the border of an element to Decimal 7639788 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
#7492EC }
```

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

```
.border{ border-color:#7492EC }
```

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

Here you see how a box with a 4 pixel #7492EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7492EC; -webkit-box-shadow:4px 4px  
4px 4px #7492EC; box-shadow:4px 4px 4px  
4px #7492EC }
```

# Background

The CSS property to change the background color of an element to Decimal 7639788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7492EC }
```

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

```
.background{ background-color:#7492EC }
```

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