

# Converting Colors

Decimal(7632842)

Have a look what the booklet for  
Decimal(7632842) contains.

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# Color

**Decimal(7632842)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7477CA
RGB	116, 119, 202
RGB Percent	45%, 47%, 79%
CMY	0.5451, 0.5333, 0.2078
CMYK	0.43, 0.41, 0.00, 0.21
HSL	238°, 45%, 62%
HSV	238°, 43%, 79%
XYZ	24.4600, 21.1709, 58.6743
YIQ	127.5650, -28.4310, 25.1770

# Conversions

## Conversions Part 2

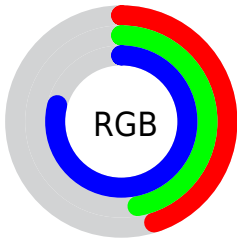
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 119, 202
Decimal	7632842
CIE <sub>Lab</sub>	53.14, 20.04, -43.55
CIE <sub>LCh</sub>	53, 47.939, 294.704
Yxy	21.1709, 0.2345, 0.2030
Android (android.graphics.Color)	4285822922 (0xFF7477CA)
YUV	127.5650, 36.6965, -10.1425
Hunter-Lab	46.0119, 14.3700, -43.3983

# Details

The Decimal color **7632842** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **13289332**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **11250687**, and **4016019** is the 20% darker color. If you saturate the color by 10%, you get **6317258**, and if you desaturate by 10%, it is **8948426**.

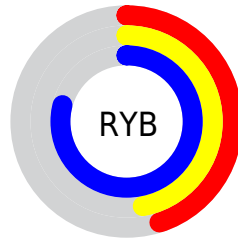
# Distribution



Red (45%)

Green (47%)

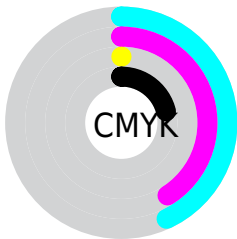
Blue (79%)



Red (45%)

Yellow (47%)

Blue (79%)

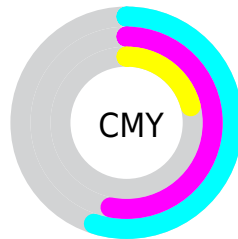


Cyan (43%)

Magenta (41%)

Yellow (0%)

Black (21%)



Cyan (55%)

Magenta (53%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7632842 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 7632842 by changing the saturation by 10% instead.



■ 7632842

■ 7632842

16777215

■ 5856942

■ 11250687

■ 4016019

■ 13158143

■ 2044281

■ 15065855

■ 7264

■ 1096

■ 1072

■ 283

■ 0

■ 7632842

■ 7632842

■ 6317258

■ 8948426

■ 5001418

■ 10264266

■ 3620298

■ 11645386

■ 2304458

■ 12961226

■ 988874

■ 14276810

■ 1994

■ 15592650

■ 16777162

# Harmonies

## Analogous

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



34513



7632842



11167407

# Triad

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



7632842



12216892



37750

# Complementary

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



7632842



13289332

# 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.



4165453



7632842



10254888

# Square

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



7632842



13262175



7636783



37792

# Rectangle

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



7632842



12606870



7636783



37480



# Sweetspot

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



7632842



14606335



7654086



7040128



0



8421504



# Same Dimension

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



7632842



8225279



10187978



6052966



1702



294



# Inverse Universe

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



13268087



16743809



10734196



6708316



10878982

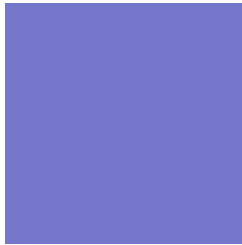


2490369



# Previews

## White Background



This preview shows how the Decimal color 7632842 looks on a white background.

## Color Contrast Check

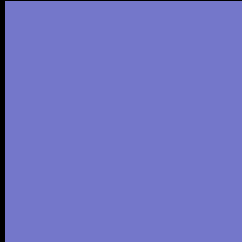
Large Text (above 18pt) WCAG AA ✓ Pass

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 7632842 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 7632842 Background



This preview shows how black text looks on a background with the Decimal color 7632842.

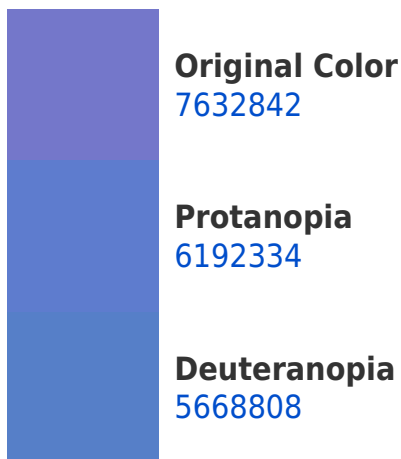


This preview shows how white text looks on a background with the Decimal color 7632842.

# 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](#).

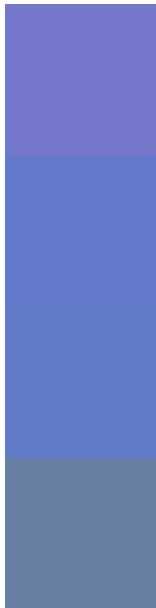
## Dichromacy





**Tritanopia**  
6653070

# Trichromacy



**Original Color**  
7632842

**Protanomaly**  
6716109

**Deuteranomaly**  
6388937

**Tritanomaly**  
6979492

# Monochromacy



**Original Color**  
7632842

**Achromatopsia**  
8421504

**Achromatomaly**  
8158619

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7632842 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 #7477CA looks like.

```
.text, #text, p{  
  color:#7477CA  
}
```

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 #7477CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7477CA
}
```

## Border

The CSS property to change the border of an element to Decimal 7632842 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
#7477CA }
```

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

```
.border{ border-color:#7477CA }
```

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

Here you see how a box with a 4 pixel #7477CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7477CA; -webkit-box-shadow:4px 4px  
4px 4px #7477CA; box-shadow:4px 4px 4px  
4px #7477CA }
```

# Background

The CSS property to change the background color of an element to Decimal 7632842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7477CA }
```

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

```
.background{ background-color:#7477CA }
```

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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