

# Converting Colors

Decimal(7688380)

Have a look what the booklet for  
Decimal(7688380) contains.

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# Color

**Decimal(7688380)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7550BC
RGB	117, 80, 188
RGB Percent	46%, 31%, 74%
CMY	0.5412, 0.6863, 0.2627
CMYK	0.38, 0.57, 0.00, 0.26
HSL	261°, 45%, 53%
HSV	261°, 57%, 74%
XYZ	19.2819, 13.1501, 49.0989
YIQ	103.3750, -12.6160, 41.4320

# Conversions

## Conversions Part 2

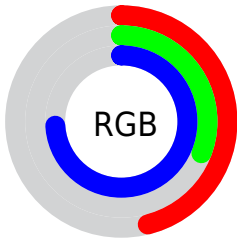
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 80, 188
Decimal	7688380
CIE Lab	42.99, 39.53, -51.66
CIE LCh	43, 65.053, 307.422
Yxy	13.1501, 0.2365, 0.1613
Android (android.graphics.Color)	4285878460 (0xFF7550BC)
YUV	103.3750, 41.7201, 11.9491
Hunter-Lab	36.2630, 31.4522, -54.8925

# Details

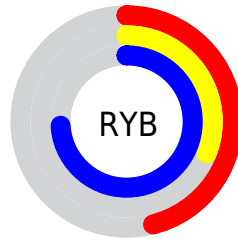
The Decimal color **7688380** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **9944144**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **11371509**, and **4071558** is the 20% darker color. If you saturate the color by 10%, you get **6897084**, and if you desaturate by 10%, it is **8479676**.

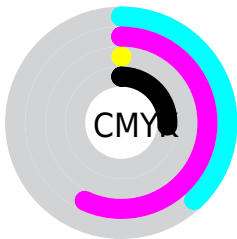
# Distribution



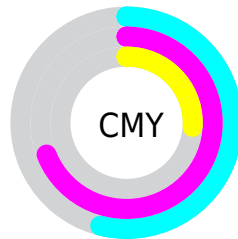
- Red (46%)
- Green (31%)
- Blue (74%)



- Red (46%)
- Yellow (31%)
- Blue (74%)



- Cyan (38%)
- Magenta (57%)
- Yellow (0%)
- Black (26%)



- Cyan (54%)
- Magenta (69%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7688380 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 7688380 by changing the saturation by 10% instead.



7688380

7688380

16777215

5912737

11371509

4071558

13213183

2099308

15186175

83

16766207

59

16773631

548

12

0

7688380

7688380

■ 6897084

■ 8479676

■ 6040252

■ 9336508

■ 5249212

■ 10127548

■ 4457916

■ 10918844

■ 4194492

■ 11775676

■ 12566972

■ 13423804

■ 14214844

■ 15006140

# Harmonies

## Analogous

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



26834



7688380



11415696

# Triad

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



7688380



10179328



32114

# Complementary

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



7688380



9944144

# 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.



31289



7688380



7366656

# Square

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



7688380



12138023



3372032



31910

# Rectangle

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



7688380



12525421



3372032



31839



# Sweetspot

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



7688380



14273525



5281980



6972026



16448250



8026746



# Same Dimension

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



7688380



8801525



11161788



5789022



3539102



655391



# Inverse Universe

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



12341399



16075963



6470736



6182235



10354792

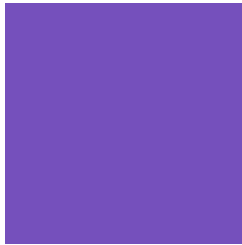


2031636



# Previews

## White Background



This preview shows how the Decimal color 7688380 looks on a white 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

# Black Background



This preview shows how the Decimal color 7688380 looks on a black 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

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



## Decimal 7688380 Background



This preview shows how black text looks on a background with the Decimal color 7688380.



This preview shows how white text looks on a background with the Decimal color 7688380.

# 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





# Trichromacy



**Original Color**

7688380



**Protanomaly**

3496904



**Deuteranomaly**

3366841



**Tritanomaly**

6970762

# Monochromacy



**Original Color**

7688380



**Achromatopsia**

6776679



**Achromatomaly**

7102342

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7688380 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 #7550BC looks like.

```
.text, #text, p{  
    color:#7550BC  
}
```

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 #7550BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7550BC
}
```

## Border

The CSS property to change the border of an element to Decimal 7688380 is called "border". The border property can be set on classes, ids or directly on the HTML element.

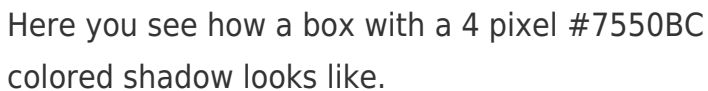
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7550BC }
```

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

```
.border{ border-color:#7550BC }
```

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



Here you see how a box with a 4 pixel #7550BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7550BC; -webkit-box-shadow:4px 4px  
4px 4px #7550BC; box-shadow:4px 4px 4px  
4px #7550BC }
```

# Background

The CSS property to change the background color of an element to Decimal 7688380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7550BC }
```

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

```
.background{ background-color:#7550BC }
```

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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