

# Converting Colors

Decimal(7761852)

Have a look what the booklet for  
Decimal(7761852) contains.

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# Color

**Decimal(7761852)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	766FBC
RGB	118, 111, 188
RGB Percent	46%, 44%, 74%
CMY	0.5373, 0.5647, 0.2627
CMYK	0.37, 0.41, 0.00, 0.26
HSL	245°, 36%, 59%
HSV	245°, 41%, 74%
XYZ	22.2328, 18.8513, 50.0438
YIQ	121.8710, -20.5450, 25.4310

# Conversions

## Conversions Part 2

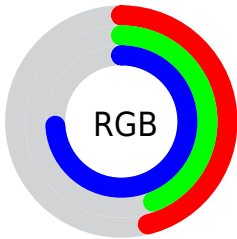
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 111, 188
Decimal	7761852
CIE <sub>Lab</sub>	50.51, 21.38, -39.67
CIE <sub>LCh</sub>	51, 45.063, 298.325
Yxy	18.8513, 0.2440, 0.2069
Android (android.graphics.Color)	4285951932 (0xFF766FBC)
YUV	121.8710, 32.6016, -3.3949
Hunter-Lab	43.4181, 15.4216, -37.9453

# Details

The Decimal color **7761852** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **11910255**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **11379701**, and **4276102** is the 20% darker color. If you saturate the color by 10%, you get **6642876**, and if you desaturate by 10%, it is **8880828**.

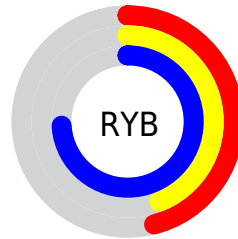
# Distribution



Red (46%)

Green (44%)

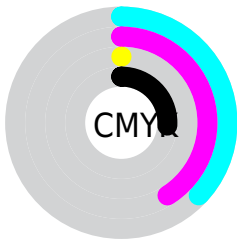
Blue (74%)



Red (46%)

Yellow (44%)

Blue (74%)

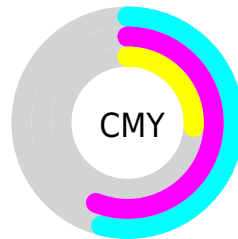


Cyan (37%)

Magenta (41%)

Yellow (0%)

Black (26%)



Cyan (54%)

Magenta (56%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7761852 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 7761852 by changing the saturation by 10% instead.



■ 7761852

■ 7761852

16777215

■ 5986209

■ 11379701

■ 4276102

■ 13221631

■ 2500973

■ 15129343

■ 202068

■ 16774911

■ 60

■ 550

■ 270

■ 0

■ 7761852

■ 7761852

■ 6642876

■ 8880828

■ 5523900

■ 9999804

■ 4405180

■ 11118524

■ 3286204

■ 12237500

■ 2167228

■ 13356476

■ 1114300

■ 14540988

■ 15659964

■ 16777148

# Harmonies

## Analogous

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



1277381



7761852



10837921

# Triad

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



7761852



11364151



35701

# Complementary

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



7761852



11910255

# 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.



3573838



7761852



9401639

# Square

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



7761852



12409430



6914353



35740

# Rectangle

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



7761852



12015753



6914353



35431



# Sweetspot

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



7761852



14342133



7321276



7039354



16448250



8026746



# Same Dimension

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



7761852



8945141



10252220



5657950



917662



196639



# Inverse Universe

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



12349365



16088554



9419887



6182237



10354832

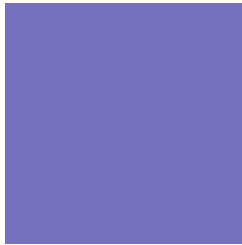


2031644



# Previews

## White Background



This preview shows how the Decimal color 7761852 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 7761852 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

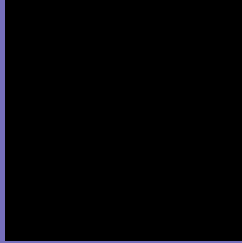
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 7761852 Background



This preview shows how black text looks on a background with the Decimal color 7761852.



This preview shows how white text looks on a background with the Decimal color 7761852.

# 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](#).

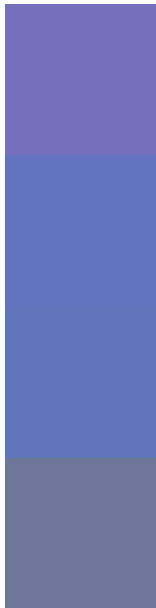
## Dichromacy





**Tritanopia**  
6912901

# Trichromacy



**Original Color**  
7761852

**Protanomaly**  
6583232

**Deuteranomaly**  
6452667

**Tritanomaly**  
7239577

# Monochromacy



**Original Color**  
7761852

**Achromatopsia**  
8026746

**Achromatomaly**  
7960210

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7761852 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 #766FBC looks like.

```
.text, #text, p{  
    color:#766FBC  
}
```

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 #766FBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766FBC
}
```

## Border

The CSS property to change the border of an element to Decimal 7761852 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
#766FBC }
```

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

```
.border{ border-color:#766FBC }
```

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

Here you see how a box with a 4 pixel #766FBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766FBC; -webkit-box-shadow:4px 4px  
4px 4px #766FBC; box-shadow:4px 4px 4px  
4px #766FBC }
```

# Background

The CSS property to change the background color of an element to Decimal 7761852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766FBC }
```

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

```
.background{ background-color:#766FBC }
```

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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