

# Converting Colors

Decimal(7756200)

Have a look what the booklet for  
Decimal(7756200) contains.

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# Color

**Decimal(7756200)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7659A8
RGB	118, 89, 168
RGB Percent	46%, 35%, 66%
CMY	0.5373, 0.6510, 0.3412
CMYK	0.30, 0.47, 0.00, 0.34
HSL	262°, 31%, 50%
HSV	262°, 47%, 66%
XYZ	18.1115, 13.8235, 38.7594
YIQ	106.6770, -8.0750, 30.7170

# Conversions

## Conversions Part 2

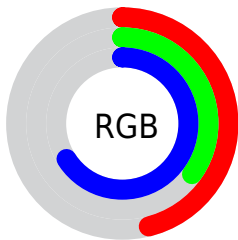
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 89, 168
Decimal	7756200
CIE <sub>Lab</sub>	43.98, 29.19, -38.33
CIE <sub>LCh</sub>	44, 48.183, 307.294
Yxy	13.8235, 0.2562, 0.1955
Android (android.graphics.Color)	4285946280 (0xFF7659A8)
YUV	106.6770, 30.2322, 9.9303
Hunter-Lab	37.1799, 21.8880, -35.7828

# Details

The Decimal color **7756200** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **9152601**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **11308256**, and **4336243** is the 20% darker color. If you saturate the color by 10%, you get **7030952**, and if you desaturate by 10%, it is **8481448**.

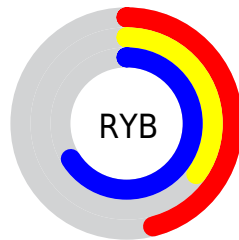
# Distribution



Red (46%)

Green (35%)

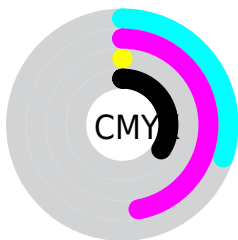
Blue (66%)



Red (46%)

Yellow (35%)

Blue (66%)

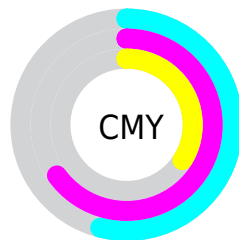


Cyan (30%)

Magenta (47%)

Yellow (0%)

Black (34%)



Cyan (54%)

Magenta (65%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7756200 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 7756200 by changing the saturation by 10% instead.



■ 7756200

■ 7756200

16777215

■ 6046093

■ 11308256

■ 4336243

■ 13149948

■ 2692186

■ 15057407

■ 983106

■ 16768511

■ 300

■ 16775935

■ 278

■ 0

■ 7756200

■ 7756200

■ 7030952

■ 8481448

6371240

9141160

5646248

9866152

4921000

10591400

4261288

11251112

4063400

11976360

12636072

13361064

14086312

# Harmonies

## Analogous

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



1665464



7756200



10504328

# Triad

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



7756200



9722650



31601

# Complementary

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



7756200



9152601

# 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.



31047



7756200



7563531

# Square

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



7756200



11160122



4813603



31384

# Rectangle

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



7756200



11354477



4813603



31587



# Sweetspot

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



7756200



13155803



5868456



6445934



15592941



7237230



# Same Dimension

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



7756200



9330907



10312104



5196884



3539092



458772



# Inverse Universe

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



11032971



14377134



6596697



5524561



9699422

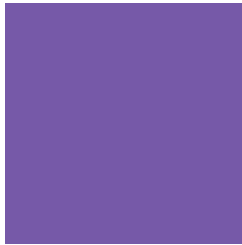


1310733



# Previews

## White Background



This preview shows how the Decimal color 7756200 looks on a white background.

## Color Contrast Check

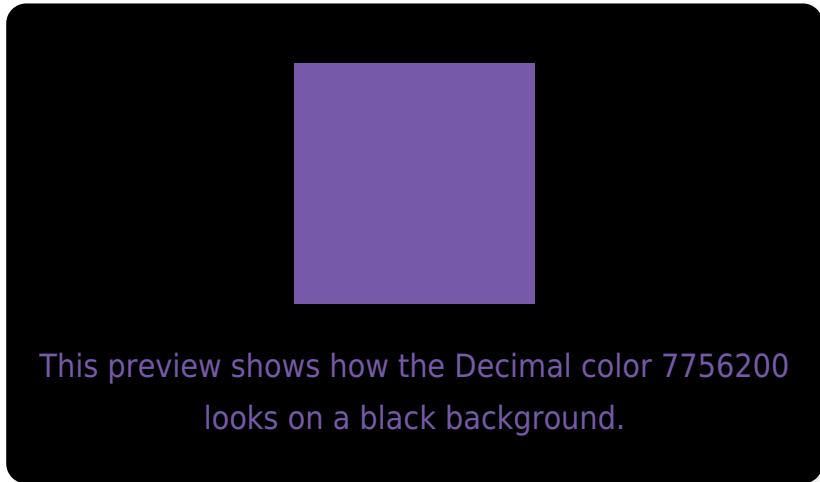
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## 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 7756200 Background



This preview shows how black text looks on a background with the Decimal color 7756200.




This preview shows how white text looks on a background with the Decimal color 7756200.

# 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**  
7038574

# Trichromacy



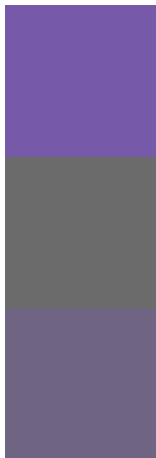
**Original Color**  
7756200

**Protanomaly**  
5726640

**Deuteranomaly**  
5727142

**Tritanomaly**  
7299459

# Monochromacy



**Original Color**  
7756200

**Achromatopsia**  
7039851

**Achromatomaly**  
7300225

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7756200 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 #7659A8 looks like.

```
.text, #text, p{  
    color:#7659A8  
}
```

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 #7659A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7659A8
}
```

## Border

The CSS property to change the border of an element to Decimal 7756200 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
#7659A8 }
```

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

```
.border{ border-color:#7659A8 }
```

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

Here you see how a box with a 4 pixel #7659A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7659A8; -webkit-box-shadow:4px 4px  
4px 4px #7659A8; box-shadow:4px 4px 4px  
4px #7659A8 }
```

# Background

The CSS property to change the background color of an element to Decimal 7756200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7659A8 }
```

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

```
.background{ background-color:#7659A8 }
```

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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