

# Converting Colors

Decimal(7693967)

Have a look what the booklet for  
Decimal(7693967) contains.

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# Color

**Decimal(7693967)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	75668F
RGB	117, 102, 143
RGB Percent	46%, 40%, 56%
CMY	0.5412, 0.6000, 0.4392
CMYK	0.18, 0.29, 0.00, 0.44
HSL	262°, 17%, 48%
HSV	262°, 29%, 56%
XYZ	17.0454, 15.2678, 28.0352
YIQ	111.1590, -4.2210, 15.9310

# Conversions

## Conversions Part 2

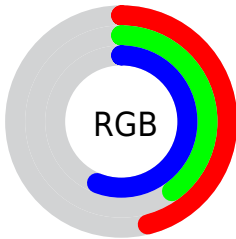
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 102, 143
Decimal	7693967
CIE <sub>Lab</sub>	46.00, 14.73, -20.34
CIE <sub>LCh</sub>	46, 25.113, 305.904
Yxy	15.2678, 0.2825, 0.2530
Android (android.graphics.Color)	4285884047 (0xFF75668F)
YUV	111.1590, 15.6976, 5.1226
Hunter-Lab	39.0741, 9.4881, -15.1881

# Details

The Decimal color **7693967** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8425318**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **11180485**, and **4470621** is the 20% darker color. If you saturate the color by 10%, you get **7100559**, and if you desaturate by 10%, it is **8287375**.

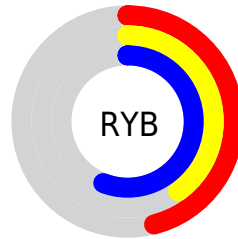
# Distribution



Red (46%)

Green (40%)

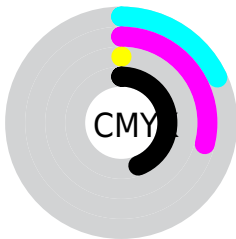
Blue (56%)



Red (46%)

Yellow (40%)

Blue (56%)

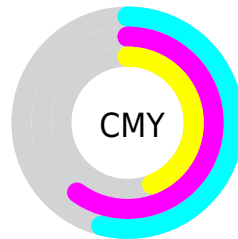


Cyan (18%)

Magenta (29%)

Yellow (0%)

Black (44%)



Cyan (54%)

Magenta (60%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7693967 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 7693967 by changing the saturation by 10% instead.





7693967



7693967

16777215



6049397



11180485



4470621



12956897



2957637



14798846



1510702



16706815



281



0



7693967



7693967



7100559



8287375



6506895



8881039

■ 5913487

■ 9474447

■ 5320079

■ 10067855

■ 4726671

■ 10661519

■ 4133007

■ 11254927

■ 3539599

■ 11848335

■ 3408015

■ 12507279

■ 13100943

# Harmonies

## Analogous

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



5664406



7693967



9133951

# Triad

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



7693967



9004615



2979953

# Complementary

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



7693967



8425318

# 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.



4683611



7693967



7826755

# Square

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



7693967



9723733



6320970



2062213

# Rectangle

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



7693967



9657713



6320970



3569769



# Sweetspot

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



7693967



11577786



6717839



5788766



14606046



6184542



# Same Dimension

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



7693967



9599930



9004687



4407367



3211399



196616



# Inverse Universe

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



9397888



12221347



7114598



4669509



8847446



524293



# Previews

## White Background



This preview shows how the Decimal color 7693967 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 7693967 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

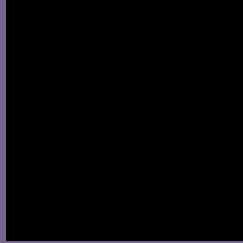
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7693967 Background



This preview shows how black text looks on a background with the Decimal color 7693967.

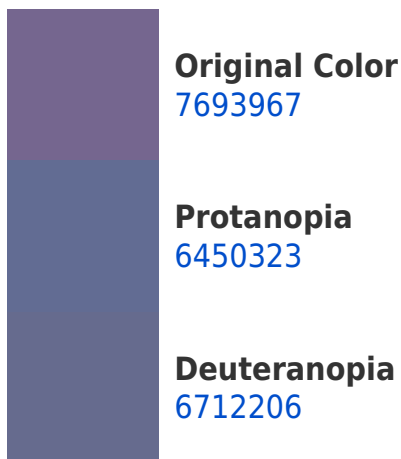


This preview shows how white text looks on a background with the Decimal color 7693967.

# 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**  
7367540

# Trichromacy



**Original Color**  
7693967

**Protanomaly**  
6908562

**Deuteranomaly**  
7039374

**Tritanomaly**  
7498110

# Monochromacy



**Original Color**  
7693967

**Achromatopsia**  
7303023

**Achromatomaly**  
7433339

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7693967 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 #75668F looks like.

```
.text, #text, p{  
    color:#75668F  
}
```

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 #75668F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75668F
}
```

## Border

The CSS property to change the border of an element to Decimal 7693967 is called "border". The border property can be set on classes, ids or directly on the HTML element.

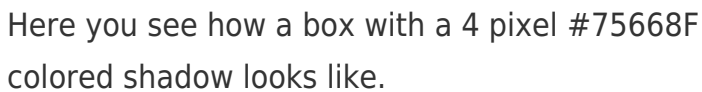
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#75668F }
```

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

```
.border{ border-color:#75668F }
```

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



Here you see how a box with a 4 pixel #75668F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75668F; -webkit-box-shadow:4px 4px  
4px 4px #75668F; box-shadow:4px 4px 4px  
4px #75668F }
```

# Background

The CSS property to change the background color of an element to Decimal 7693967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75668F }
```

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

```
.background{ background-color:#75668F }
```

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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