

# Converting Colors

Decimal(7695516)

Have a look what the booklet for  
Decimal(7695516) contains.

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# Color

**Decimal(7695516)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	756C9C
RGB	117, 108, 156
RGB Percent	46%, 42%, 61%
CMY	0.5412, 0.5765, 0.3882
CMYK	0.25, 0.31, 0.00, 0.39
HSL	251°, 20%, 52%
HSV	251°, 31%, 61%
XYZ	18.6994, 16.9073, 33.7304
YIQ	116.1630, -10.0440, 16.8360

# Conversions

## Conversions Part 2

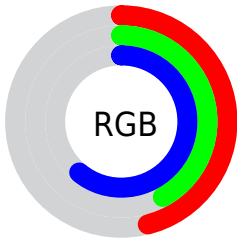
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 108, 156
Decimal	7695516
CIE <sub>Lab</sub>	48.14, 14.33, -24.74
CIE <sub>LCh</sub>	48, 28.584, 300.077
Yxy	16.9073, 0.2697, 0.2438
Android (android.graphics.Color)	4285885596 (0xFF756C9C)
YUV	116.1630, 19.6396, 0.7340
Hunter-Lab	41.1185, 9.2188, -19.8538

# Details

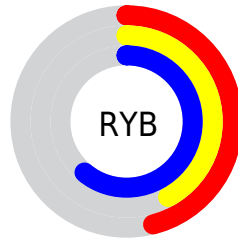
The Decimal color **7695516** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9673836**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **11182035**, and **4406633** is the 20% darker color. If you saturate the color by 10%, you get **6839452**, and if you desaturate by 10%, it is **8551580**.

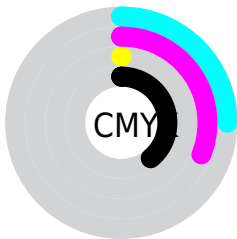
# Distribution



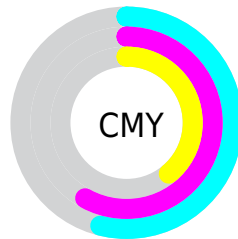
- Red (46%)
- Green (42%)
- Blue (61%)



- Red (46%)
- Yellow (42%)
- Blue (61%)



- Cyan (25%)
- Magenta (31%)
- Yellow (0%)
- Black (39%)



- Cyan (54%)
- Magenta (58%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7695516 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 7695516 by changing the saturation by 10% instead.



■ 7695516

■ 7695516

16777215

■ 6050946

■ 11182035

■ 4406633

■ 12958447

■ 2893648

■ 14866175

■ 1315641

■ 16774143

■ 35

■ 10

■ 0

■ 7695516

■ 7695516

■ 6839452

■ 8551580

■ 6049180

■ 9341852

■ 5193116

■ 10197916

■ 4337308

■ 11053724

■ 3546780

■ 11844252

■ 2690716

■ 12700316

■ 1900700

■ 13556124

■ 14346652

■ 15202460

# Harmonies

## Analogous

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



5207458



7695516



9528459

# Triad

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



7695516



9857097



2785138

# Complementary

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



7695516



9673836

# 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.



5012825



7695516



8548674

# Square

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



7695516



10510939



6912072



229258

# Rectangle

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



7695516



10248315



6912072



3571561



# Sweetspot

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



7695516



12434124



7115676



6118246



15132390



6710886



# Same Dimension

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



7695516



9404876



9268380



4802383



1769615



196623



# Inverse Universe

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



10251411



13402558



8100972



5195598



9371764



983052



# Previews

## White Background



This preview shows how the Decimal color 7695516 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 7695516 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

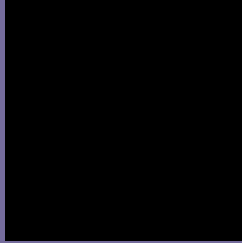
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7695516 Background



This preview shows how black text looks on a background with the Decimal color 7695516.



This preview shows how white text looks on a background with the Decimal color 7695516.

# 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



**Original Color**  
7695516

**Protanopia**  
6582688

**Deuteranopia**  
6713755



**Tritanopia**  
7303803

# Trichromacy



**Original Color**  
7695516

**Protanomaly**  
6975391

**Deuteranomaly**  
7040923

**Tritanomaly**  
7434375

# Monochromacy



**Original Color**  
7695516

**Achromatopsia**  
7631988

**Achromatomaly**  
7631235

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7695516 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 #756C9C looks like.

```
.text, #text, p{  
    color:#756C9C  
}
```

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 #756C9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #756C9C
}
```

## Border

The CSS property to change the border of an element to Decimal 7695516 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
#756C9C }
```

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

```
.border{ border-color:#756C9C }
```

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

Here you see how a box with a 4 pixel #756C9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #756C9C; -webkit-box-shadow:4px 4px  
4px 4px #756C9C; box-shadow:4px 4px 4px  
4px #756C9C }
```

# Background

The CSS property to change the background color of an element to Decimal 7695516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#756C9C }
```

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

```
.background{ background-color:#756C9C }
```

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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