

# Converting Colors

Decimal(7759504)

Have a look what the booklet for  
Decimal(7759504) contains.

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# Color

**Decimal(7759504)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	766690
RGB	118, 102, 144
RGB Percent	46%, 40%, 56%
CMY	0.5373, 0.6000, 0.4353
CMYK	0.18, 0.29, 0.00, 0.44
HSL	263°, 17%, 48%
HSV	263°, 29%, 56%
XYZ	17.2566, 15.3679, 28.4423
YIQ	111.5720, -3.9460, 16.4540

# Conversions

## Conversions Part 2

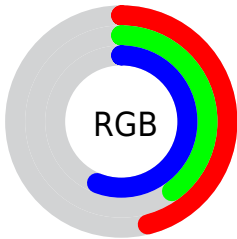
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 102, 144
Decimal	7759504
CIE Lab	46.13, 15.30, -20.72
CIE LCh	46, 25.761, 306.448
Yxy	15.3679, 0.2826, 0.2517
Android (android.graphics.Color)	4285949584 (0xFF766690)
YUV	111.5720, 15.9870, 5.6374
Hunter-Lab	39.2019, 9.9720, -15.5756

# Details

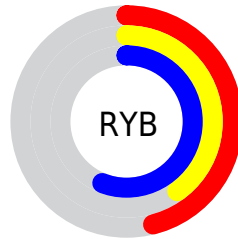
The Decimal color **7759504** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8425574**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **11246022**, and **4536157** is the 20% darker color. If you saturate the color by 10%, you get **7166096**, and if you desaturate by 10%, it is **8352912**.

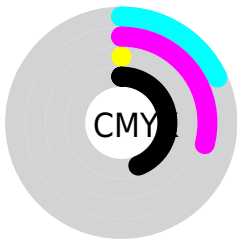
# Distribution



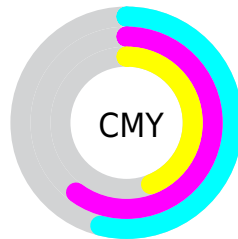
- Red (46%)
- Green (40%)
- Blue (56%)



- 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 7759504 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 7759504 by changing the saturation by 10% instead.





7759504



7759504

16777215



6114934



11246022



4536157



13022434



3023174



14864383



1576239



16772351



282



0



7759504



7759504



7166096



8352912



6572432



8946576

■ 5979024

■ 9539984

■ 5385360

■ 10133648

■ 4791952

■ 10727056

■ 4264080

■ 11254928

■ 3670416

■ 11848592

■ 3604624

■ 12442000

■ 13035664

# Harmonies

## Analogous

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



5664408



7759504



9199487

# Triad

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



7759504



9070150



2783601

# Complementary

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



7759504



8425574

# 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.



4618075



7759504



7826754

# Square

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



7759504



9854805



6321226



1800326

# Rectangle

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



7759504



9788785



6321226



3373418



# Sweetspot

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



7759504



11577786



6717840



5788766



14606046



6184542



# Same Dimension

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



7759504



9599418



9070224



4407367



3342471



196616



# Inverse Universe

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



9463424



12220833



7114854



4669509



8847444



524293



# Previews

## White Background



This preview shows how the Decimal color 7759504 looks on a white background.

## Color Contrast Check

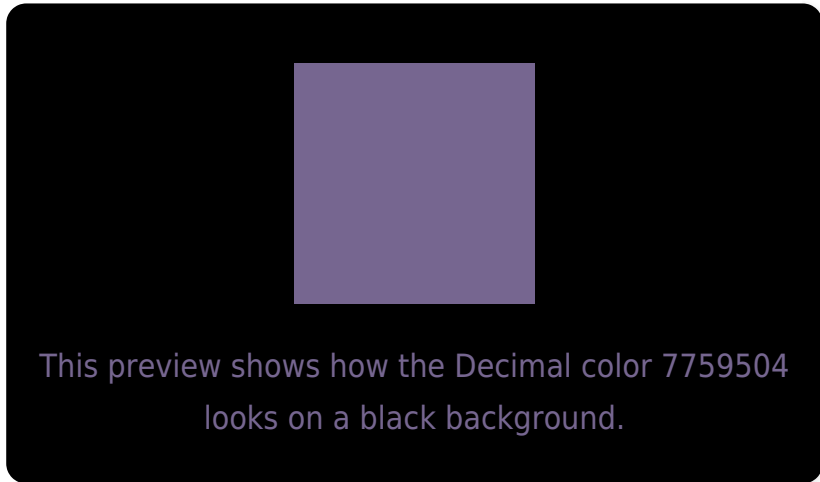
Large Text (above 18pt) WCAG AA ✓ Pass

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 7759504 Background



This preview shows how black text looks on a background with the Decimal color 7759504.

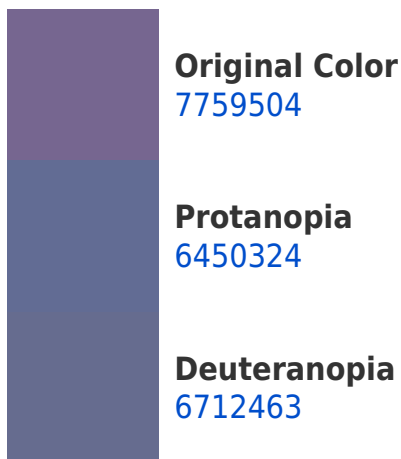


This preview shows how white text looks on a background with the Decimal color 7759504.

# 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**  
7433076

# Trichromacy



**Original Color**  
7759504

**Protanomaly**  
6908563

**Deuteranomaly**  
7105167

**Tritanomaly**  
7563646

# Monochromacy



**Original Color**  
7759504

**Achromatopsia**  
7368816

**Achromatomaly**  
7498876

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7759504 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 #766690 looks like.

```
.text, #text, p{  
    color:#766690  
}
```

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 #766690 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766690
}
```

## Border

The CSS property to change the border of an element to Decimal 7759504 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
#766690 }
```

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

```
.border{ border-color:#766690 }
```

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

Here you see how a box with a 4 pixel #766690 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766690; -webkit-box-shadow:4px 4px  
4px 4px #766690; box-shadow:4px 4px 4px  
4px #766690 }
```

# Background

The CSS property to change the background color of an element to Decimal 7759504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766690 }
```

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

```
.background{ background-color:#766690 }
```

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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