

Converting Colors

Decimal(7695552)

Have a look what the booklet for
Decimal(7695552) contains.

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Color

Decimal(7695552)

Conversions

Conversions Part 1

Format	Color
Hex	756CC0
RGB	117, 108, 192
RGB Percent	46%, 42%, 75%
CMY	0.5412, 0.5765, 0.2471
CMYK	0.39, 0.44, 0.00, 0.25
HSL	246°, 40%, 59%
HSV	246°, 44%, 75%
XYZ	22.2131, 18.3128, 52.2331
YIQ	120.2670, -21.6000, 28.0320

Conversions

Conversions Part 2

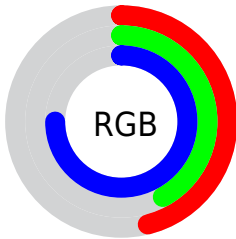
Format	Color
R_{YB}	117, 108, 192
Decimal	7695552
CIE _{Lab}	49.87, 24.05, -42.99
CIE _{LCh}	50, 49.258, 299.221
Yxy	18.3128, 0.2395, 0.1974
Android (android.graphics.Color)	4285885632 (0xFF756CC0)
YUV	120.2670, 35.3644, -2.8652
Hunter-Lab	42.7935, 17.7667, -42.4132

Details

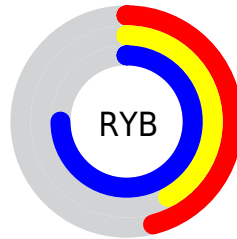
The Decimal color **7695552** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **12042348**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **11313401**, and **4144522** is the 20% darker color. If you saturate the color by 10%, you get **6576576**, and if you desaturate by 10%, it is **8814528**.

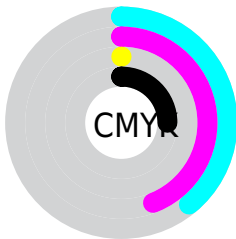
Distribution



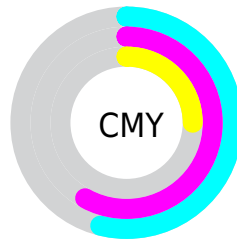
- Red (46%)
- Green (42%)
- Blue (75%)



- Red (46%)
- Yellow (42%)
- Blue (75%)



- Cyan (39%)
- Magenta (44%)
- Yellow (0%)
- Black (25%)



- Cyan (54%)
- Magenta (58%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7695552 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 7695552 by changing the saturation by 10% instead.

■ 7695552

■ 7695552

16777215

■ 5919909

■ 11313401

■ 4144522

■ 13155327

■ 2303856

■ 15062783

■ 4695

■ 16774143

■ 63

■ 808

■ 274

■ 0

■ 7695552

■ 7695552

■ 6576576

■ 8814528

■ 5457600

■ 9933504

■ 4338368

■ 11052736

■ 3153856

■ 12237248

■ 2034880

■ 13356224

■ 1376448

■ 14475200

■ 15594176

■ 16711616

■ 16777152

Harmonies

Analogous

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



31946



769552



11033250

Triad

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



769552



11428910



35700

Complementary

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



769552



12042348

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.



2525002



7695552



9335835

Square

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



769552



12670288



6586407



35486

Rectangle

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



7695552



12276360



6586407



35430

Sweetspot

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



7695552



14539258



7125184



7039357



16579836



8224125

Same Dimension

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



7695552



8680954



10382528



5789537



1114273



262177

Inverse Universe

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



12610743



16414188



9355372



6379360



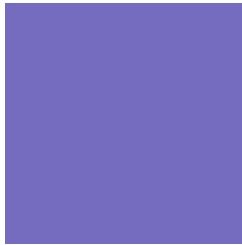
10551439



2162718

Previews

White Background



This preview shows how the Decimal color 7695552 looks on a white background.

Color Contrast Check

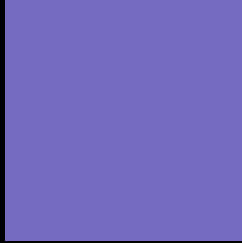
Large Text (above 18pt) WCAG AA ✓ Pass

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 7695552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

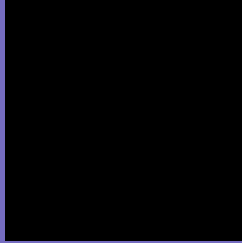
Any Text WCAG AA ✓ Pass

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 7695552 Background



This preview shows how black text looks on a background with the Decimal color 7695552.

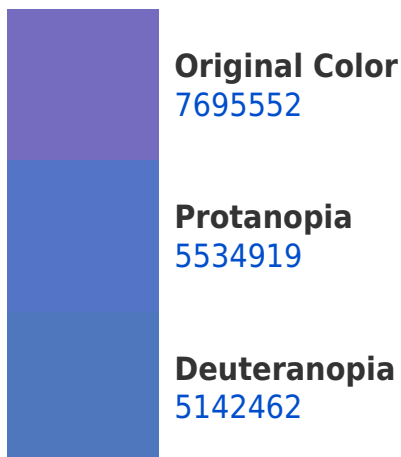


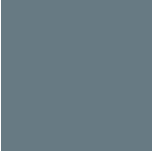
This preview shows how white text looks on a background with the Decimal color 7695552.

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](#).

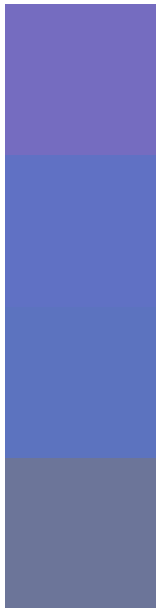
Dichromacy





Tritanopia
6781571

Trichromacy



Original Color
7695552

Protanomaly
6320580

Deuteranomaly
6058943

Tritanomaly
7107993

Monochromacy



Original Color
7695552

Achromatopsia
7895160

Achromatomaly
7828626

CSS Examples

Text

The CSS property to change the color of the text to Decimal 769552 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 #756CC0 looks like.

```
.text, #text, p{  
  color:#756CC0  
}
```

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 #756CC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #756CC0
}
```

Border

The CSS property to change the border of an element to Decimal 7695552 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
#756CC0 }
```

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

```
.border{ border-color:#756CC0 }
```

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

Here you see how a box with a 4 pixel #756CC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #756CC0; -webkit-box-shadow:4px 4px  
4px 4px #756CC0; box-shadow:4px 4px 4px  
4px #756CC0 }
```

Background

The CSS property to change the background color of an element to Decimal 7695552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#756CC0 }
```

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

```
.background{ background-color:#756CC0 }
```

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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