

Converting Colors

Decimal(7695779)

Have a look what the booklet for
Decimal(7695779) contains.

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Color

Decimal(7695779)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 756DA3 |
| RGB | 117, 109, 163 |
| RGB Percent | 46%, 43%, 64% |
| CMY | 0.5412, 0.5725, 0.3608 |
| CMYK | 0.28, 0.33, 0.00, 0.36 |
| HSL | 249°, 23%, 53% |
| HSV | 249°, 33%, 64% |
| XYZ | 19.4156, 17.3635, 36.9785 |
| YIQ | 117.5480, -12.5660, 18.4900 |

Conversions

Conversions Part 2

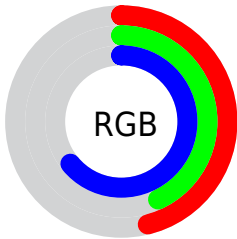
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 117, 109, 163 |
| Decimal | 7695779 |
| CIE _{Lab} | 48.71, 15.53, -27.96 |
| CIE _{LCh} | 49, 31.983, 299.043 |
| Yxy | 17.3635, 0.2632, 0.2354 |
| Android (android.graphics.Color) | 4285885859 (0xFF756DA3) |
| YUV | 117.5480, 22.4078, -0.4806 |
| Hunter-Lab | 41.6696, 10.2490, -23.4466 |

Details

The Decimal color **7695779** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10199917**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **11182554**, and **4406895** is the 20% darker color. If you saturate the color by 10%, you get **6774179**, and if you desaturate by 10%, it is **8617379**.

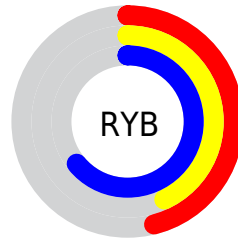
Distribution



Red (46%)

Green (43%)

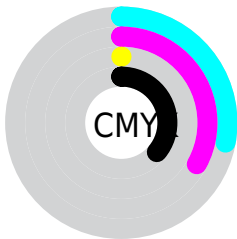
Blue (64%)



Red (46%)

Yellow (43%)

Blue (64%)

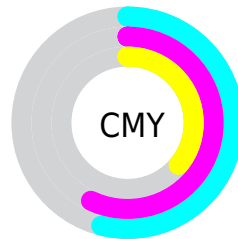


Cyan (28%)

Magenta (33%)

Yellow (0%)

Black (36%)



Cyan (54%)

Magenta (57%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7695779 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 7695779 by changing the saturation by 10% instead.

■ 7695779

■ 7695779

16777215

■ 6051209

■ 11182554

■ 4406895

■ 13024503

■ 2828374

■ 14866431

■ 1184575

■ 16774399

■ 41

■ 275

■ 0

■ 7695779

■ 7695779

■ 6774179

■ 8617379

■ 5852323

■ 9539235

■ 4930723

■ 10460835

■ 4009123

■ 11382435

■ 3153059

■ 12238755

■ 2231203

■ 13160355

■ 1573027

■ 14081955

■ 15003555

■ 15925155

Harmonies

Analogous

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



4749225



7695779



9790352

Triad

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



7695779



10184774



1868402

Complementary

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



7695779



10199917

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.



4816727



7695779



8811069

Square

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



7695779



10969179



6978115



33165

Rectangle

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



7695779



10641279



6978115



3047785

Sweetspot

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



7695779



12762836



7183523



6315627



15461355



7039851

Same Dimension

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



7695779



9207764



9399715



4933970



1441937



196626

Inverse Universe

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



10710427



13926343



8495981



5392720



9502844



1179663

Previews

White Background



This preview shows how the Decimal color 7695779 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 7695779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

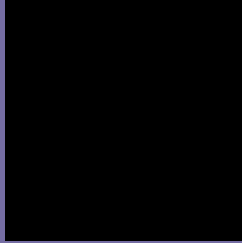
Any Text WCAG AA × Fail

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 7695779 Background



This preview shows how black text looks on a background with the Decimal color 7695779.



This preview shows how white text looks on a background with the Decimal color 7695779.

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

7695779

Protanopia

6517415

Deuteranopia

6582946

Trichromacy



Original Color
7695779

Protanomaly
6975654

Deuteranomaly
6975650

Tritanomaly
7434635

Monochromacy



Original Color
7695779

Achromatopsia
7763574

Achromatomaly
7762822

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7695779 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 #756DA3 looks like.

```
.text, #text, p{  
  color:#756DA3  
}
```

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 #756DA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #756DA3
}
```

Border

The CSS property to change the border of an element to Decimal 7695779 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
#756DA3 }
```

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

```
.border{ border-color:#756DA3 }
```

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

Here you see how a box with a 4 pixel #756DA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #756DA3; -webkit-box-shadow:4px 4px  
4px 4px #756DA3; box-shadow:4px 4px 4px  
4px #756DA3 }
```

Background

The CSS property to change the background color of an element to Decimal 7695779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#756DA3 }
```

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

```
.background{ background-color:#756DA3 }
```

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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