

Converting Colors

Decimal(7696308)

Have a look what the booklet for
Decimal(7696308) contains.

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Color

Decimal(7696308)

Conversions

Conversions Part 1

Format	Color
Hex	756FB4
RGB	117, 111, 180
RGB Percent	46%, 44%, 71%
CMY	0.5412, 0.5647, 0.2941
CMYK	0.35, 0.38, 0.00, 0.29
HSL	245°, 32%, 57%
HSV	245°, 38%, 71%
XYZ	21.2588, 18.4461, 45.6200
YIQ	120.6600, -18.5730, 22.7310

Conversions

Conversions Part 2

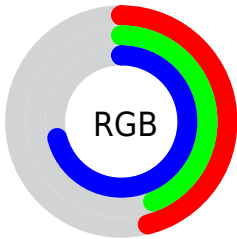
Format	Color
R_{YB}	117, 111, 180
Decimal	7696308
CIE _{Lab}	50.03, 18.88, -35.81
CIE _{LCh}	50, 40.481, 297.807
Yxy	18.4461, 0.2492, 0.2162
Android (android.graphics.Color)	4285886388 (0xFF756FB4)
YUV	120.6600, 29.2546, -3.2098
Hunter-Lab	42.9489, 13.1931, -32.9132

Details

The Decimal color **7696308** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11449455**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **11248620**, and **4276095** is the 20% darker color. If you saturate the color by 10%, you get **6643124**, and if you desaturate by 10%, it is **8749492**.

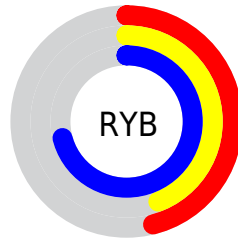
Distribution



Red (46%)

Green (44%)

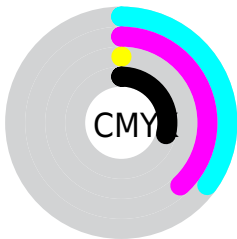
Blue (71%)



Red (46%)

Yellow (44%)

Blue (71%)

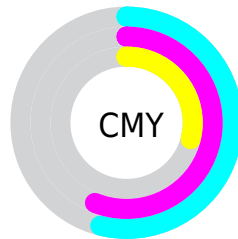


Cyan (35%)

Magenta (38%)

Yellow (0%)

Black (29%)



Cyan (54%)

Magenta (56%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7696308 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 7696308 by changing the saturation by 10% instead.

■ 7696308

■ 7696308

16777215

■ 5986201

■ 11248620

■ 4276095

■ 13090559

■ 2566501

■ 14998015

■ 529741

■ 16774911

■ 54

■ 544

■ 3

■ 0

■ 7696308

■ 7696308

■ 6643124

■ 8749492

■ 5524404

■ 9868212

■ 4471220

■ 10921396

■ 3352500

■ 12040116

■ 2299316

■ 13093300

■ 1180596

■ 14212020

■ 1048756

■ 15265204

■ 16318388

■ 16777140

Harmonies

Analogous

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



2980796



7696308



10445468

Triad

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



7696308



11036733



34931

Complementary

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



7696308



11449455

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.



4162897



7696308



9270320

Square

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



7696308



11951449



7044919



34966

Rectangle

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



7696308



11557767



7044919



34663

Sweetspot

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



7696308



13749995



7319220



6710645



16119285



7697781

Same Dimension

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



7696308



8945643



9924532



5328985



852121



131098

Inverse Universe

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



11825070



15433697



9221231



5853272



10027148



1703959

Previews

White Background



This preview shows how the Decimal color 7696308 looks on a white 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

Black Background



This preview shows how the Decimal color 7696308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

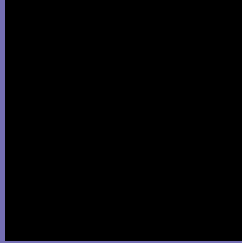
Any Text WCAG AA ✓ Pass

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 7696308 Background



This preview shows how black text looks on a background with the Decimal color 7696308.

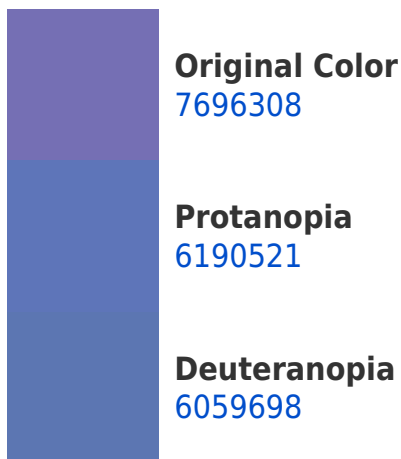


This preview shows how white text looks on a background with the Decimal color 7696308.

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
6977923

Trichromacy



Original Color
7696308

Protanomaly
6714295

Deuteranomaly
6648755

Tritanomaly
7239061

Monochromacy



Original Color
7696308

Achromatopsia
7960953

Achromatomaly
7894414

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7696308 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 #756FB4 looks like.

```
.text, #text, p{  
    color:#756FB4  
}
```

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 #756FB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #756FB4
}
```

Border

The CSS property to change the border of an element to Decimal 7696308 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
#756FB4 }
```

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

```
.border{ border-color:#756FB4 }
```

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

Here you see how a box with a 4 pixel #756FB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #756FB4; -webkit-box-shadow:4px 4px  
4px 4px #756FB4; box-shadow:4px 4px 4px  
4px #756FB4 }
```

Background

The CSS property to change the background color of an element to Decimal 7696308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#756FB4 }
```

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

```
.background{ background-color:#756FB4 }
```

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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