

Converting Colors

Decimal(7698048)

Have a look what the booklet for
Decimal(7698048) contains.

Decimal(7698048)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(7698048)

Conversions

Conversions Part 1

Format	Color
Hex	757680
RGB	117, 118, 128
RGB Percent	46%, 46%, 50%
CMY	0.5412, 0.5373, 0.4980
CMYK	0.09, 0.08, 0.00, 0.50
HSL	235°, 4%, 48%
HSV	235°, 9%, 50%
XYZ	17.7108, 18.2973, 23.0203
YIQ	118.8410, -3.8060, 2.8980

Conversions

Conversions Part 2

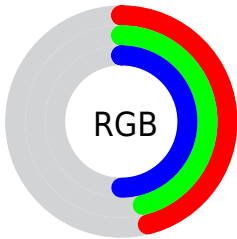
Format	Color
RYB	117, 118, 128
Decimal	7698048
CIELab	49.85, 1.73, -5.60
CIELCh	50, 5.864, 287.151
Yxy	18.2973, 0.3000, 0.3100
Android (android.graphics.Color)	4285888128 (0xFF757680)
YUV	118.8410, 4.5154, -1.6146
Hunter-Lab	42.7753, -0.9501, -1.9653

Details

The Decimal color **7698048** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8421237**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **11119285**, and **4539983** is the 20% darker color. If you saturate the color by 10%, you get **6843008**, and if you desaturate by 10%, it is **8553088**.

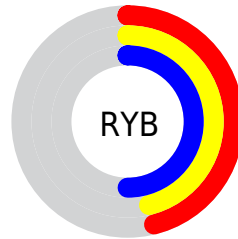
Distribution



Red (46%)

Green (46%)

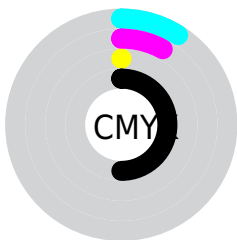
Blue (50%)



Red (46%)

Yellow (46%)

Blue (50%)

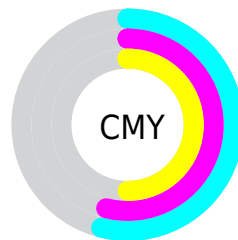


Cyan (9%)

Magenta (8%)

Yellow (0%)

Black (50%)



Cyan (54%)

Magenta (54%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7698048 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 7698048 by changing the saturation by 10% instead.

■ 7698048

■ 7698048

16777215

■ 6053223

■ 11119285

■ 4539983

■ 12895696

■ 3027000

■ 14737901

■ 1710883

■ 16645887

■ 13

■ 0

■ 7698048

■ 7698048

■ 6843008

■ 8553088

■ 5988224

■ 9407872

■ 5198720

■ 10197376

■ 4343680

■ 11052416

■ 3488896

■ 11907200

■ 2633856

■ 12762240

■ 1779072

■ 13617024

■ 989568

■ 14406528

■ 134528

■ 15261568

Harmonies

Analogous

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



7305344



7698048



8090749

Triad

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



7698048



8483951



7174516

Complementary

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



7698048



8421237

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.



7502192



7698048



8222061

Square

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



7698048



8549236



7894893



7043705

Rectangle

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



7698048



8287355



7894893



7240051

Sweetspot

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



7698048



10592678



7700607



5329236



13948116



5526612

Same Dimension

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



7698048



9803686



7959936



3750464



3200



0

Inverse Universe

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



8418678



10917271



8159349



4208954



8388620



0

Previews

White Background



This preview shows how the Decimal color 7698048 looks on a white background.

Color Contrast Check

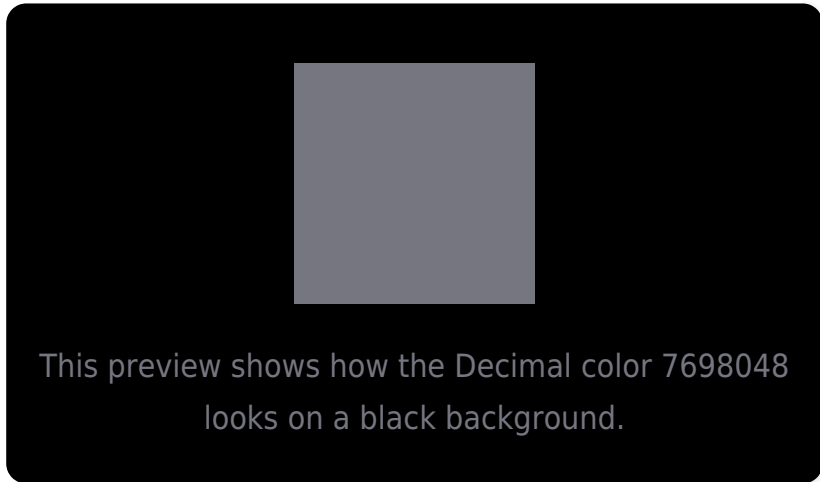
Large Text (above 18pt) WCAG AA ✓ Pass

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

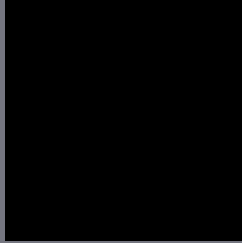
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

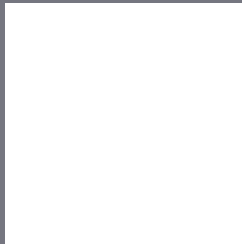
Any Text WCAG AAA × Fail

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

Decimal 7698048 Background



This preview shows how black text looks on a background with the Decimal color 7698048.



This preview shows how white text looks on a background with the Decimal color 7698048.

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

7698048

Protanopia

7763584

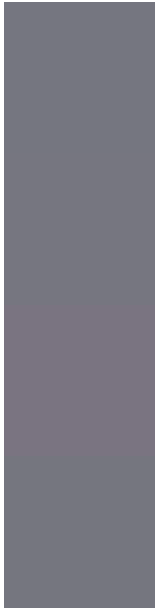
Deuteranopia

8221569



Tritanopia
7698047

Trichromacy



Original Color

7698048

Protanomaly

7763584

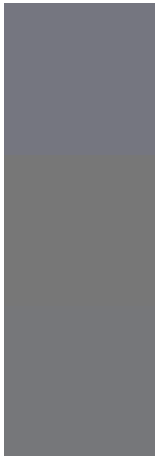
Deuteranomaly

8025217

Tritanomaly

7698047

Monochromacy



Original Color

7698048

Achromatopsia

7829367

Achromatomaly

7763834

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7698048 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 #757680 looks like.

```
.text, #text, p{  
    color:#757680  
}
```

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 #757680 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #757680
}
```

Border

The CSS property to change the border of an element to Decimal 7698048 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
#757680 }
```

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

```
.border{ border-color:#757680 }
```

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

Here you see how a box with a 4 pixel #757680 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #757680; -webkit-box-shadow:4px 4px  
4px 4px #757680; box-shadow:4px 4px 4px  
4px #757680 }
```

Background

The CSS property to change the background color of an element to Decimal 7698048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#757680 }
```

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

```
.background{ background-color:#757680 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor