

Converting Colors

Decimal(7698280)

Have a look what the booklet for
Decimal(7698280) contains.

Decimal(7698280)	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(7698280)

Conversions

Conversions Part 1

Format	Color
Hex	757768
RGB	117, 119, 104
RGB Percent	46%, 47%, 41%
CMY	0.5412, 0.5333, 0.5922
CMYK	0.02, 0.00, 0.13, 0.53
HSL	68°, 7%, 44%
HSV	68°, 13%, 47%
XYZ	16.4316, 17.9750, 15.7002
YIQ	116.6920, 3.6230, -5.0890

Conversions

Conversions Part 2

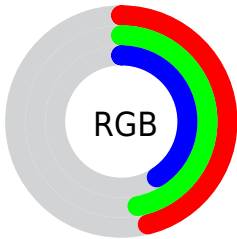
Format	Color
R_{YB}	104, 119, 106
Decimal	7698280
CIE _{Lab}	49.47, -3.64, 8.00
CIE _{LCh}	49, 8.786, 114.492
Yxy	17.9750, 0.3279, 0.3587
Android (android.graphics.Color)	4285888360 (0xFF757768)
YUV	116.6920, -6.2572, 0.2701
Hunter-Lab	42.3970, -5.0141, 7.7220

Details

The Decimal color **7698280** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6973559**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **11119515**, and **4540217** is the 20% darker color. If you saturate the color by 10%, you get **7567196**, and if you desaturate by 10%, it is **7829364**.

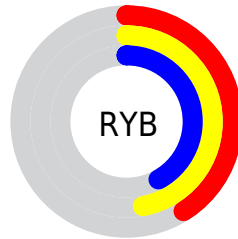
Distribution



Red (46%)

Green (47%)

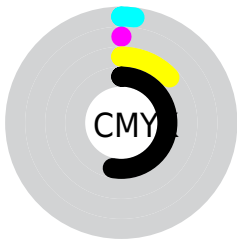
Blue (41%)



Red (41%)

Yellow (47%)

Blue (42%)

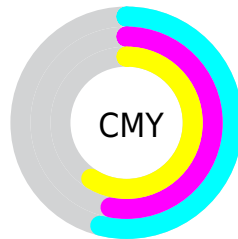


Cyan (2%)

Magenta (0%)

Yellow (13%)

Black (53%)



Cyan (54%)

Magenta (53%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7698280 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 7698280 by changing the saturation by 10% instead.

■ 7698280

■ 7698280

16777215

■ 6053456

■ 11119515

■ 4540217

■ 12895926

■ 3026979

■ 14738130

■ 1710862

■ 16646126

■ 0

■ 7698280

■ 7698280

■ 7567196

■ 7829364

■ 7501648

■ 7894912

■ 7370564

■ 8025996

■ 7305016

■ 8091544

■ 7173933

■ 8222627

■ 7042849

■ 8353711

■ 6977301

■ 8419259

■ 6846217

■ 8550343

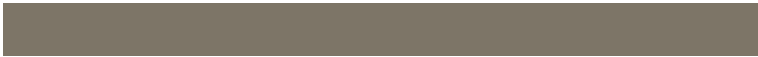
■ 6780672

■ 8615891

Harmonies

Analogous

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



8222055



7698280



7108973

Triad

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



7698280



6650241



8679799

Complementary

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



7698280



6973559

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.



8286846



7698280



7108484

Square

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



7698280



6519419



7697539



8810864

Rectangle

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



7698280



6847089



7697539



8548730

Sweetspot

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



7698280



10198165



7826024



5197643



13619151



5197647

Same Dimension

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



7698280



10001540



7173992



3816245



6978048



14285312

Inverse Universe

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



6973559



8881308



7497847



3552571



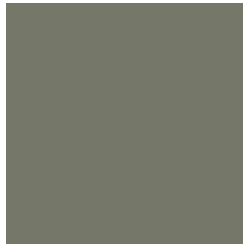
1048698



2162938

Previews

White Background



This preview shows how the Decimal color 7698280 looks on a white background.

Color Contrast Check

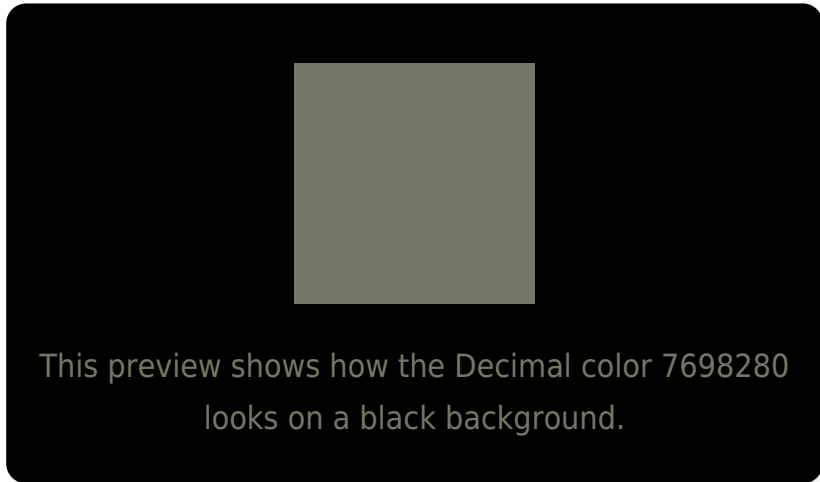
Large Text (above 18pt) WCAG AA ✓ Pass

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

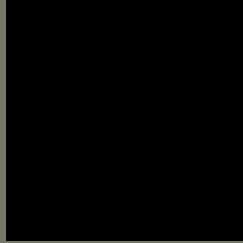
Any Text WCAG AA ✓ Pass

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 7698280 Background



This preview shows how black text looks on a background with the Decimal color 7698280.



This preview shows how white text looks on a background with the Decimal color 7698280.

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
7698280

Protanopia
8090983

Deuteranopia
8745321



Tritanopia
7894141

Trichromacy



Original Color
7698280

Protanomaly
7960167

Deuteranomaly
8352617

Tritanomaly
7828853

Monochromacy



Original Color
7698280

Achromatopsia
7697781

Achromatomaly
7698032

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7698280 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 #757768 looks like.

```
.text, #text, p{  
  color:#757768  
}
```

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 #757768 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #757768
}
```

Border

The CSS property to change the border of an element to Decimal 7698280 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
#757768 }
```

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

```
.border{ border-color:#757768 }
```

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

Here you see how a box with a 4 pixel #757768 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #757768; -webkit-box-shadow:4px 4px  
4px 4px #757768; box-shadow:4px 4px 4px  
4px #757768 }
```

Background

The CSS property to change the background color of an element to Decimal 7698280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#757768 }
```

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

```
.background{ background-color:#757768 }
```

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