

Converting Colors

Decimal(7696258)

Have a look what the booklet for
Decimal(7696258) contains.

Decimal(7696258)	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(7696258)

Conversions

Conversions Part 1

Format	Color
Hex	756F82
RGB	117, 111, 130
RGB Percent	46%, 44%, 51%
CMY	0.5412, 0.5647, 0.4902
CMYK	0.10, 0.15, 0.00, 0.49
HSL	259°, 8%, 47%
HSV	259°, 15%, 51%
XYZ	17.0498, 16.7625, 23.4560
YIQ	114.9600, -2.5230, 7.1810

Conversions

Conversions Part 2

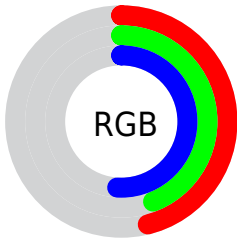
Format	Color
R_{YB}	117, 111, 130
Decimal	7696258
CIE _{Lab}	47.96, 6.30, -9.62
CIE _{LCh}	48, 11.498, 303.229
Yxy	16.7625, 0.2977, 0.2927
Android (android.graphics.Color)	4285886338 (0xFF756F82)
YUV	114.9600, 7.4147, 1.7891
Hunter-Lab	40.9420, 2.6857, -5.3082

Details

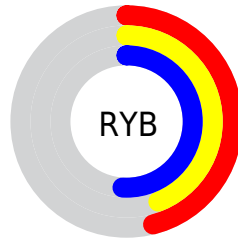
The Decimal color **7696258** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8159855**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **11117495**, and **4538193** is the 20% darker color. If you saturate the color by 10%, you get **7103106**, and if you desaturate by 10%, it is **8289410**.

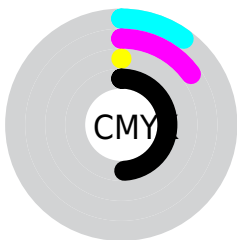
Distribution



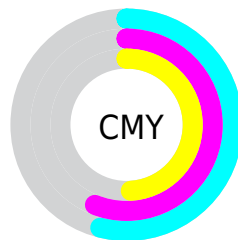
- Red (46%)
- Green (44%)
- Blue (51%)



- Red (46%)
- Yellow (44%)
- Blue (51%)



- Cyan (10%)
- Magenta (15%)
- Yellow (0%)
- Black (49%)



- Cyan (54%)
- Magenta (56%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7696258 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 7696258 by changing the saturation by 10% instead.

■ 7696258

■ 7696258

16777215

■ 6051689

■ 11117495

■ 4538193

■ 12893907

■ 3025210

■ 14735855

■ 1643812

■ 16643839

■ 270

■ 0

■ 7696258

■ 7696258

■ 7103106

■ 8289410

■ 6509954

■ 8882562

■ 5916802

■ 9475714

■ 5323650

■ 10068866

■ 4796034

■ 10596482

■ 4202882

■ 11189634

■ 3609730

■ 11782786

■ 3016578

■ 12375938

■ 2687106

■ 12969090

Harmonies

Analogous

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



6845061



7696258



8416379

Triad

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



7696258



8482401



5994611

Complementary

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



7696258



8159855

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.



6518633



7696258



7958879

Square

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



7696258



8809576



7238753



5863292

Rectangle

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



7696258



8678260



7238753



6125423

Sweetspot

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



7696258



10789544



7306370



5328980



13948116



5526612

Same Dimension

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



7696258



9734824



8286082



3881280



2621568



0

Inverse Universe

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



8548220



11045535



7570031



4208958



8388695



0

Previews

White Background



This preview shows how the Decimal color 7696258 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 7696258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

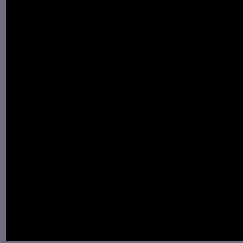
Any Text WCAG AA × Fail

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 7696258 Background



This preview shows how black text looks on a background with the Decimal color 7696258.



This preview shows how white text looks on a background with the Decimal color 7696258.

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

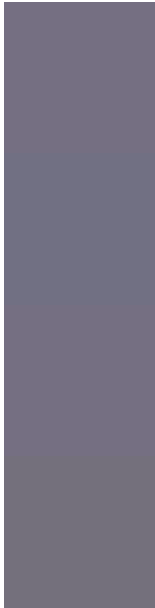


Original Color
7696258

Protanopia
7303555

Deuteranopia
7696258

Trichromacy



Original Color

7696258

Protanomaly

7434371

Deuteranomaly

7696258

Tritanomaly

7630972

Monochromacy



Original Color

7696258

Achromatopsia

7566195

Achromatomaly

7631480

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7696258 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 #756F82 looks like.

```
.text, #text, p{  
    color:#756F82  
}
```

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 #756F82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #756F82
}
```

Border

The CSS property to change the border of an element to Decimal 7696258 is called "border". The border property can be set on classes, ids or directly on the HTML element.

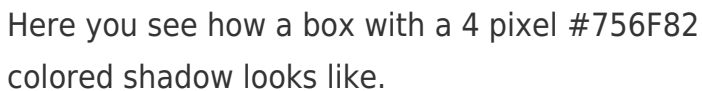
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#756F82 }
```

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

```
.border{ border-color:#756F82 }
```

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



Here you see how a box with a 4 pixel #756F82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #756F82; -webkit-box-shadow:4px 4px  
4px 4px #756F82; box-shadow:4px 4px 4px  
4px #756F82 }
```

Background

The CSS property to change the background color of an element to Decimal 7696258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#756F82 }
```

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

```
.background{ background-color:#756F82 }
```

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