

Converting Colors

Decimal(7896963)

Have a look what the booklet for
Decimal(7896963) contains.

Decimal(7896963)	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(7896963)

Conversions

Conversions Part 1

Format	Color
Hex	787F83
RGB	120, 127, 131
RGB Percent	47%, 50%, 51%
CMY	0.5294, 0.5020, 0.4863
CMYK	0.08, 0.03, 0.00, 0.49
HSL	202°, 4%, 49%
HSV	202°, 8%, 51%
XYZ	19.4318, 20.8105, 24.4654
YIQ	125.3630, -5.4560, -0.2400

Conversions

Conversions Part 2

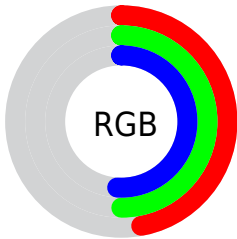
Format	Color
R_{YB}	120, 124, 131
Decimal	7896963
CIE Lab	52.74, -1.75, -3.07
CIE LCh	53, 3.532, 240.342
Yxy	20.8105, 0.3003, 0.3216
Android (android.graphics.Color)	4286087043 (0xFF787F83)
YUV	125.3630, 2.7790, -4.7034
Hunter-Lab	45.6185, -3.7979, 0.1355

Details

The Decimal color **7896963** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8617080**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **11318456**, and **4738642** is the 20% darker color. If you saturate the color by 10%, you get **7043715**, and if you desaturate by 10%, it is **8750211**.

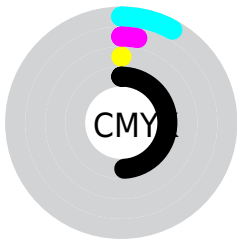
Distribution



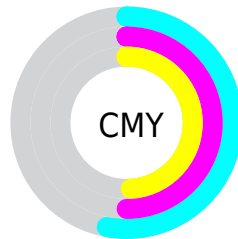
- Red (47%)
- Green (50%)
- Blue (51%)



- Red (47%)
- Yellow (49%)
- Blue (51%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (49%)



- Cyan (53%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7896963 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 7896963 by changing the saturation by 10% instead.

■ 7896963

■ 7896963

16777215

■ 6252138

■ 11318456

■ 4738642

■ 13160404

■ 3225403

■ 15002608

■ 1843749

■ 134160

■ 0

■ 7896963

■ 7896963

■ 7043715

■ 8750211

■ 6190467

■ 9603459

■ 5337475

■ 10456451

■ 4484227

■ 11309699

■ 3630979

■ 12228483

■ 2712195

■ 13081731

■ 1859203

■ 13934723

■ 1005955

■ 14787971

■ 152707

■ 15641219

Harmonies

Analogous

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



7831681



7896963



8093316

Triad

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



7896963



8682622



8224633

Complementary

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



7896963



8617080

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.



8486520



7896963



8748155

Square

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



7896963



8551553



8617337



8028027

Rectangle

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



7896963



8224132



8617337



8289912

Sweetspot

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



7896963



10922411



7897980



5461335



14079702



5723991

Same Dimension

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



7896963



10134955



7895683



3948610



21378



515

Inverse Universe

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



8616063



11246245



8618360



4340800



8519763



196610

Previews

White Background



This preview shows how the Decimal color 7896963 looks on a white background.

Color Contrast Check

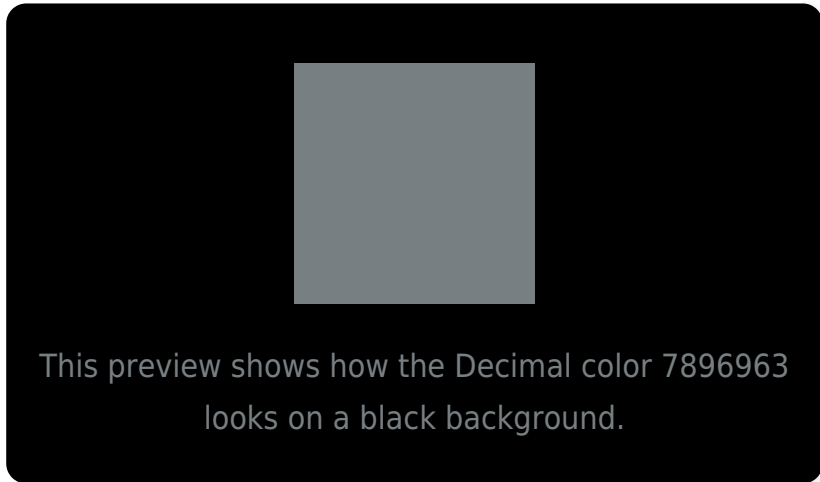
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

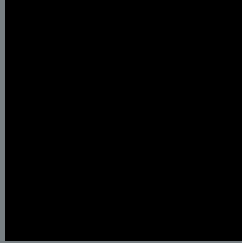
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

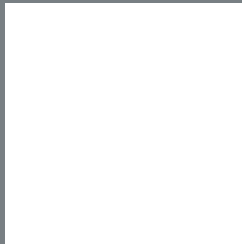
Any Text WCAG AAA × Fail

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

Decimal 7896963 Background



This preview shows how black text looks on a background with the Decimal color 7896963.



This preview shows how white text looks on a background with the Decimal color 7896963.

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
7896963

Protanopia
8355202

Deuteranopia
8878724



Tritanopia
7962248

Trichromacy



Original Color
786963

Protanomaly
8158850

Deuteranomaly
8551556

Tritanomaly
7962246

Monochromacy



Original Color
786963

Achromatopsia
8224125

Achromatomaly
8093311

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7896963 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 #787F83 looks like.

```
.text, #text, p{  
    color:#787F83  
}
```

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 #787F83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787F83
}
```

Border

The CSS property to change the border of an element to Decimal 7896963 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
#787F83 }
```

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

```
.border{ border-color:#787F83 }
```

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

Here you see how a box with a 4 pixel #787F83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787F83; -webkit-box-shadow:4px 4px  
4px 4px #787F83; box-shadow:4px 4px 4px  
4px #787F83 }
```

Background

The CSS property to change the background color of an element to Decimal 7896963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787F83 }
```

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

```
.background{ background-color:#787F83 }
```

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