

Converting Colors

Hex(787B76)

Have a look what the booklet for
Hex(787B76) contains.

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Color

Hex(787B76)

Conversions

Conversions Part 1

Format	Color
Hex	787B76
RGB	120, 123, 118
RGB Percent	47%, 48%, 46%
CMY	0.5294, 0.5176, 0.5373
CMYK	0.02, 0.00, 0.04, 0.52
HSL	96°, 2%, 47%
HSV	96°, 4%, 48%
XYZ	18.0987, 19.4670, 19.9431
YIQ	121.5330, -0.1830, -2.1910

Conversions

Conversions Part 2

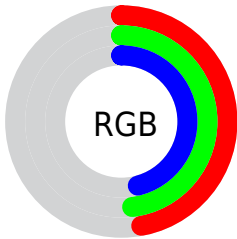
Format	Color
RYB	118, 123, 121
Decimal	7895926
CIELab	51.23, -2.13, 2.33
CIELCh	51, 3.154, 132.357
Yxy	19.4670, 0.3147, 0.3385
Android (android.graphics.Color)	4286086006 (0xFF787B76)
YUV	121.5330, -1.7418, -1.3444
Hunter-Lab	44.1214, -3.9914, 4.0856

Details

The Hex color **787B76** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **79767B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **ACAFAA**, and **484A46** is the 20% darker color. If you saturate the color by 10%, you get **717B6A**, and if you desaturate by 10%, it is **7F7B82**.

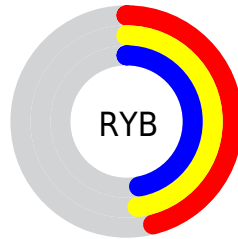
Distribution



Red (47%)

Green (48%)

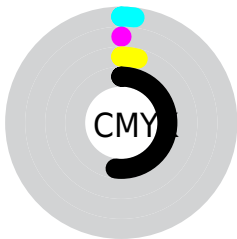
Blue (46%)



Red (46%)

Yellow (48%)

Blue (47%)

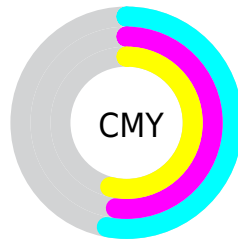


Cyan (2%)

Magenta (0%)

Yellow (4%)

Black (52%)



Cyan (53%)

Magenta (52%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 787B76 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 Hex color 787B76 by changing the saturation by 10% instead.



787B76



787B76

FFFFFF



5F625D



ACAFAA



484A46



C8CBC5



31342F



E4E7E1



1C1F1B

FFFFFFE



010600



000000



787B76



787B76



717B6A



7F7B82



697B5D



877B8F

■ 627B51

■ 8E7B9B

■ 5A7B45

■ 967BA7

■ 537B39

■ 9D7BB4

■ 4C7B2C

■ A47BC0

■ 447B20

■ AC7BCC

■ 3D7B14

■ B37BD8

■ 367B07

■ BA7BE5

Harmonies

Analogous

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



7B7A75



787B76



757C78

Triad

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



787B76



767B7F



807879

Complementary

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



787B76



79767B

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.



7F787C



787B76



797A7F

Square

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



787B76



747B7E



7C797E



807976

Rectangle

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



787B76



747C7A



7C797E



80787A

Sweetspot

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



787B76



A0A19F



7B7976



515251



D1D1D1



525252

Same Dimension

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



787B76



9CA199



767B77



3B3D3A



327D00



65FC00

Inverse Universe

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



79767B



9D99A1



7B767B



3C3A3D



4B007D



9700FC

Previews

White Background



This preview shows how the Hex color 787B76 looks on a white background.

Color Contrast Check

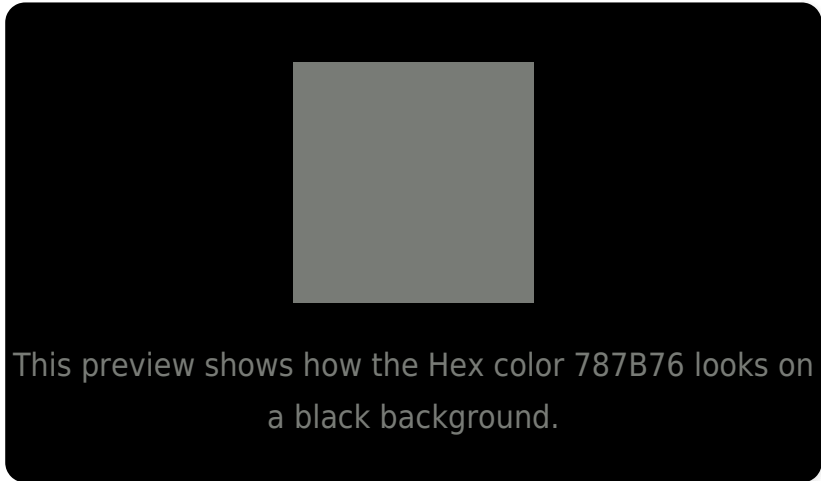
Large Text (above 18pt) WCAG AA ✓ Pass

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

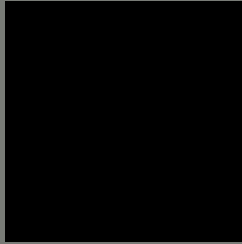
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

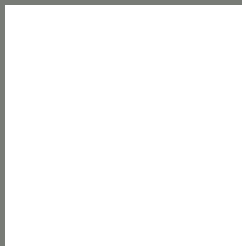
Any Text WCAG AAA × Fail

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

Hex 787B76 Background



This preview shows how black text looks on a background with the Hex color 787B76.



This preview shows how white text looks on a background with the Hex color 787B76.

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


787B76

Protanopia

7D7975

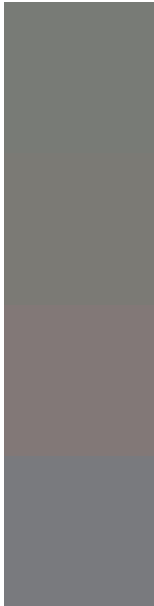
Deuteranopia

877677



Tritanopia
7A7983

Trichromacy



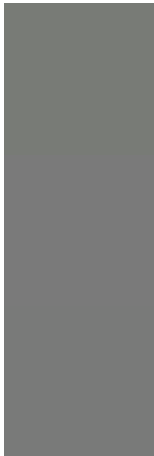
Original Color
787B76

Protanomaly
7B7A75

Deuteranomaly
827877

Tritanomaly
797A7E

Monochromacy



Original Color
787B76

Achromatopsia
7A7A7A

Achromatomaly
797A79

CSS Examples

Text

The CSS property to change the color of the text to Hex 787B76 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 #787B76 looks like.

```
.text, #text, p{  
    color:#787B76  
}
```

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 #787B76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787B76
}
```

Border

The CSS property to change the border of an element to Hex 787B76 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
#787B76 }
```

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

```
.border{ border-color:#787B76 }
```

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

Here you see how a box with a 4 pixel #787B76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787B76; -webkit-box-shadow:4px 4px  
4px 4px #787B76; box-shadow:4px 4px 4px  
4px #787B76 }
```

Background

The CSS property to change the background color of an element to Hex 787B76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787B76 }
```

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

```
.background{ background-color:#787B76 }
```

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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