

Converting Colors

Hex(78766B)

Have a look what the booklet for
Hex(78766B) contains.

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Color

Hex(78766B)

Conversions

Conversions Part 1

Format	Color
Hex	78766B
RGB	120, 118, 107
RGB Percent	47%, 46%, 42%
CMY	0.5294, 0.5373, 0.5804
CMYK	0.00, 0.02, 0.11, 0.53
HSL	51°, 6%, 45%
HSV	51°, 11%, 47%
XYZ	16.8780, 18.0115, 16.4969
YIQ	117.3440, 4.7230, -2.9970

Conversions

Conversions Part 2

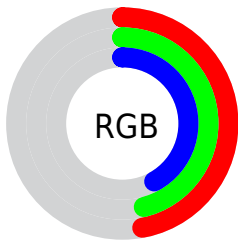
Format	Color
R_{YB}	109, 120, 107
Decimal	7894635
CIE Lab	49.51, -1.33, 6.33
CIE LCh	50, 6.466, 101.900
Yxy	18.0115, 0.3285, 0.3505
Android (android.graphics.Color)	4286084715 (0xFF78766B)
YUV	117.3440, -5.0996, 2.3293
Hunter-Lab	42.4399, -3.2819, 6.6612

Details

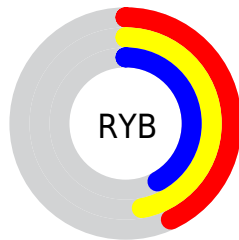
The Hex color **78766B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B6D78**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **ACAA9E**, and **48463C** is the 20% darker color. If you saturate the color by 10%, you get **78745F**, and if you desaturate by 10%, it is **787877**.

Distribution



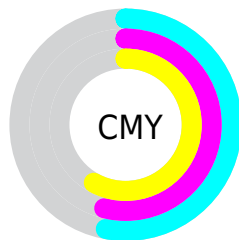
- Red (47%)
- Green (46%)
- Blue (42%)



- Red (43%)
- Yellow (47%)
- Blue (42%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (53%)



- Cyan (53%)
- Magenta (54%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78766B 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 78766B by changing the saturation by 10% instead.

78766B

78766B

FFFFFF

5F5D53

ACAA9E

48463C

C8C5B9

313026

E4E1D5

1C1B11

FFFEF1

000000

78766B

78766B

78745F

787877

787253

787A83

787047

787C8F

 786F3B

 787D9B

 786D2F

 787FA7

 786B23

 7881B3

 786917

 7883BF

 78670B

 7885CB

 786600

 7887D7

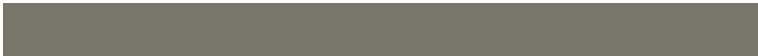
Harmonies

Analogous

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



7E746B



78766B



72786D

Triad

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



78766B



69787D



7F7279

Complementary

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



78766B



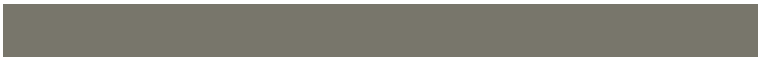
6B6D78

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.



7A747E



78766B



6D7780

Square

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



78766B



697978



737580



827274

Rectangle

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



78766B



6E7870



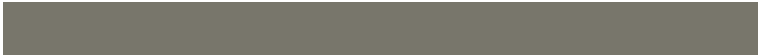
737580



7D737B

Sweetspot

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



78766B



9C9B97



786B6D



4F4F4C



CFCFCF



4F4F4F

Same Dimension

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



78766B



9C9887



74786B



3D3C37



7D6A00



FCD600

Inverse Universe

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



6B6D78



878A9C



6F6B78



37383D



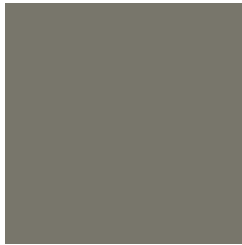
00137D



0027FC

Previews

White Background



This preview shows how the Hex color 78766B looks on a white background.

Color Contrast Check

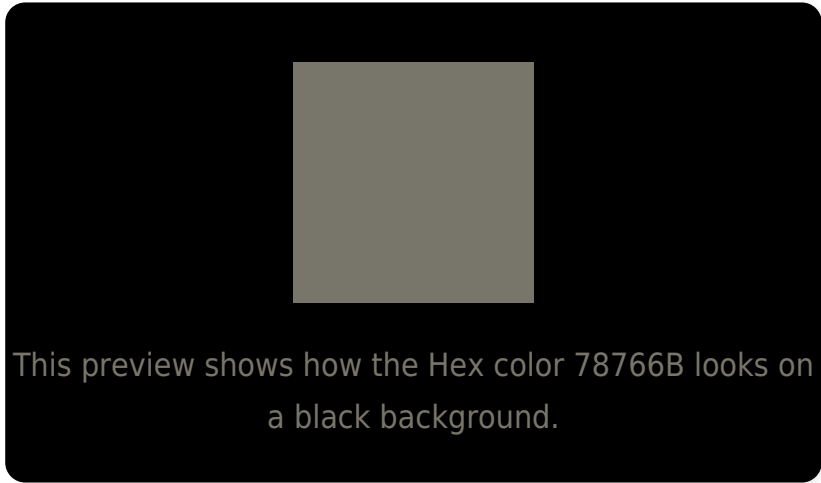
Large Text (above 18pt) WCAG AA ✓ Pass

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

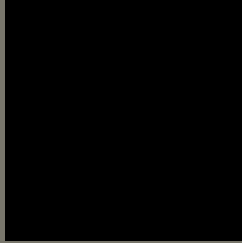
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

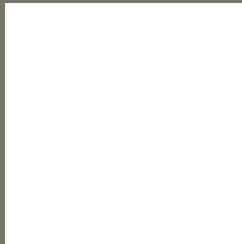
Any Text WCAG AAA × Fail

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

Hex 78766B Background



This preview shows how black text looks on a background with the Hex color 78766B.



This preview shows how white text looks on a background with the Hex color 78766B.

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
78766B

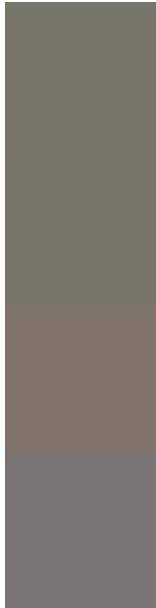
Protanopia
7A756B

Deuteranopia
85726C



Tritanopia
7A737D

Trichromacy



Original Color
78766B

Protanomaly
79756B

Deuteranomaly
80736C

Tritanomaly
797476

Monochromacy



Original Color
78766B

Achromatopsia
757575

Achromatomaly
767571

CSS Examples

Text

The CSS property to change the color of the text to Hex 78766B 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 #78766B looks like.

```
.text, #text, p{  
    color:#78766B  
}
```

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 #78766B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78766B
}
```

Border

The CSS property to change the border of an element to Hex 78766B 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
#78766B }
```

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

```
.border{ border-color:#78766B }
```

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

Here you see how a box with a 4 pixel #78766B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78766B; -webkit-box-shadow:4px 4px  
4px 4px #78766B; box-shadow:4px 4px 4px  
4px #78766B }
```

Background

The CSS property to change the background color of an element to Hex 78766B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78766B }
```

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

```
.background{ background-color:#78766B }
```

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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