

Converting Colors

Hex(58806D)

Have a look what the booklet for
Hex(58806D) contains.

Hex(58806D)	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

Hex(58806D)

Conversions

Conversions Part 1

Format	Color
Hex	58806D
RGB	88, 128, 109
RGB Percent	35%, 50%, 43%
CMY	0.6549, 0.4980, 0.5725
CMYK	0.31, 0.00, 0.15, 0.50
HSL	152°, 19%, 42%
HSV	152°, 31%, 50%
XYZ	14.5040, 18.6172, 17.2970
YIQ	113.8740, -17.7410, -14.3890

Conversions

Conversions Part 2

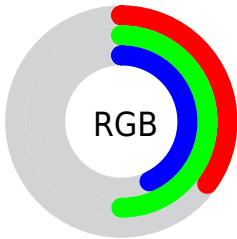
Format	Color
R_{YB}	88, 114, 128
Decimal	5800045
CIE _{Lab}	50.24, -18.31, 5.88
CIE _{LCh}	50, 19.233, 162.191
Yxy	18.6172, 0.2877, 0.3693
Android (android.graphics.Color)	4283990125 (0xFF58806D)
YUV	113.8740, -2.4029, -22.6915
Hunter-Lab	43.1476, -15.5059, 6.4351

Details

The Hex color **58806D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **80586B**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **8BB5A0**, and **284F3E** is the 20% darker color. If you saturate the color by 10%, you get **4B8067**, and if you desaturate by 10%, it is **658073**.

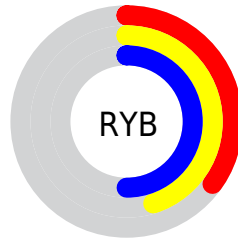
Distribution



Red (35%)

Green (50%)

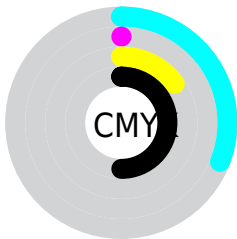
Blue (43%)



Red (35%)

Yellow (45%)

Blue (50%)

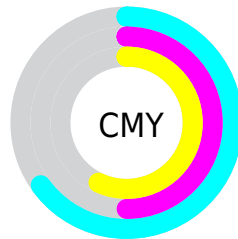


Cyan (31%)

Magenta (0%)

Yellow (15%)

Black (50%)



Cyan (65%)

Magenta (50%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58806D 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 58806D by changing the saturation by 10% instead.

■ 58806D

■ 58806D

FFFFFF

■ 406755

■ 8BB5A0

■ 284F3E

■ A6D1BB

■ 113828

■ C1EDD7

■ 002213

■ DDDFF4

■ 000200

■ FAFFFF

■ 000000

■ 58806D

■ 58806D

■ 4B8067

■ 658073

■ 3E8061

■ 728079

■ 32805B

■ 7E807F

■ 258055

■ 8B8085

■ 18804F

■ 98808B

■ 0B8049

■ A58091

■ 008043

■ B28098

■ BE809E

■ CB80A4

Harmonies

Analogous

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



6A7D5F



58806D



4A817E

Triad

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



58806D



6D7797



966E62

Complementary

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



58806D



80586B

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.



996C71



58806D



827190

Square

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



58806D



577C96



926D82



8C7359

Rectangle

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



58806D



478088



926D82



986D67

Sweetspot

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



58806D



97A69F



6B8058



4B5450



D4D4D4



545454

Same Dimension

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



58806D



67A688



587F80



39403D



008043



000000

Inverse Universe

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



80586B



A66785



805958



40393C



80003D



000000

Previews

White Background



This preview shows how the Hex color 58806D looks on a white background.

Color Contrast Check

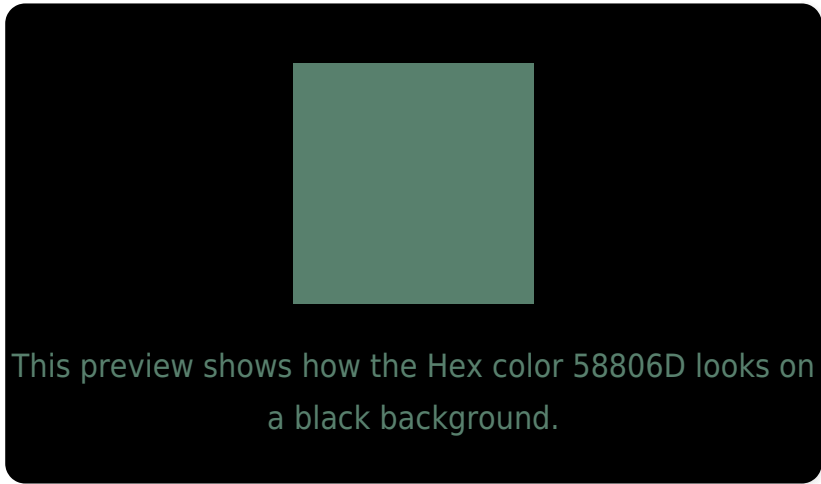
Large Text (above 18pt) WCAG AA ✓ Pass

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

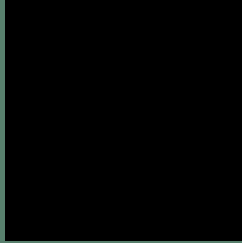
Any Text WCAG AA ✓ Pass

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 58806D Background



This preview shows how black text looks on a background with the Hex color 58806D.

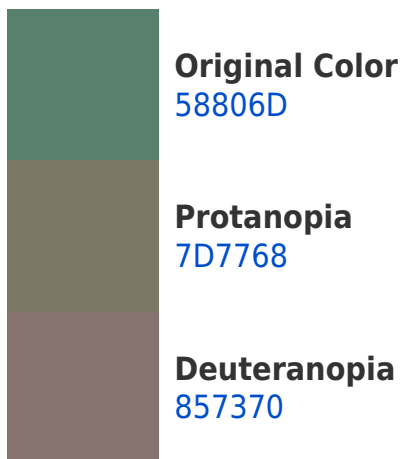



This preview shows how white text looks on a background with the Hex color 58806D.

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





Tritanopia
5D7C86

Trichromacy



Original Color
58806D

Protanomaly
707A6A

Deuteranomaly
75786F

Tritanomaly
5B7D7D

Monochromacy



Original Color
58806D

Achromatopsia
727272

Achromatomaly
697770

CSS Examples

Text

The CSS property to change the color of the text to Hex 58806D 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 #58806D looks like.

```
.text, #text, p{  
    color:#58806D  
}
```

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 #58806D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58806D
}
```

Border

The CSS property to change the border of an element to Hex 58806D 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
#58806D }
```

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

```
.border{ border-color:#58806D }
```

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

Here you see how a box with a 4 pixel #58806D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58806D; -webkit-box-shadow:4px 4px  
4px 4px #58806D; box-shadow:4px 4px 4px  
4px #58806D }
```

Background

The CSS property to change the background color of an element to Hex 58806D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58806D }
```

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

```
.background{ background-color:#58806D }
```

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