

# Converting Colors

Hex(55806F)

Have a look what the booklet for  
Hex(55806F) contains.

<b>Hex(55806F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(55806F)

# Conversions

## Conversions Part 1

Format	Color
Hex	55806F
RGB	85, 128, 111
RGB Percent	33%, 50%, 44%
CMY	0.6667, 0.4980, 0.5647
CMYK	0.34, 0.00, 0.13, 0.50
HSL	156°, 20%, 42%
HSV	156°, 34%, 50%
XYZ	14.3347, 18.5173, 17.8576
YIQ	113.2050, -20.1710, -14.4030

# Conversions

## Conversions Part 2

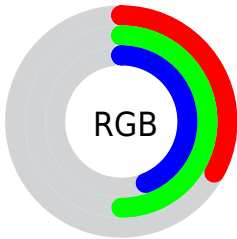
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 112, 128
Decimal	5603439
CIELab	50.12, -18.84, 4.52
CIElCh	50, 19.378, 166.511
Yxy	18.5173, 0.2827, 0.3652
Android (android.graphics.Color)	4283793519 (0xFF55806F)
YUV	113.2050, -1.0871, -24.7358
Hunter-Lab	43.0318, -15.8438, 5.5177

# Details

The Hex color **55806F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **805566**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **88B5A3**, and **254F3F** is the 20% darker color. If you saturate the color by 10%, you get **48806A**, and if you desaturate by 10%, it is **628074**.

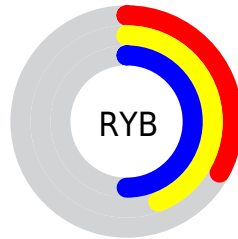
# Distribution



Red (33%)

Green (50%)

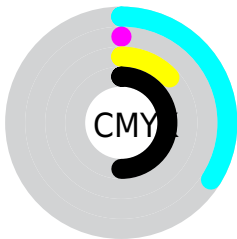
Blue (44%)



Red (33%)

Yellow (44%)

Blue (50%)

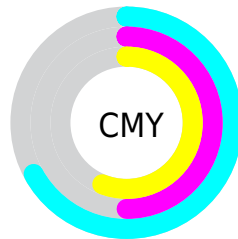


Cyan (34%)

Magenta (0%)

Yellow (13%)

Black (50%)



Cyan (67%)

Magenta (50%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55806F 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 55806F by changing the saturation by 10% instead.



■ 55806F

■ 55806F

FFFFFF

■ 3D6757

■ 88B5A3

■ 254F3F

■ A3D1BE

■ 0C3729

■ BEEDD9

■ 002215

■ DAFFF6

■ 000100

■ F7FFFF

■ 000000

■ 55806F

■ 55806F

■ 48806A

■ 628074

■ 3B8065

■ 6F8079

■ 2F8060

■ 7B807E

■ 22805B

■ 888083

■ 158056

■ 958088

■ 088051

■ A2808D

■ 00804D

■ AF8092

■ BB8097

■ C8809D

# Harmonies

## Analogous

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



677D60



55806F



488080

# Triad

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



55806F



707697



956E60

# Complementary

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



55806F



805566

# 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.



996B6F



55806F



85708E

# Square

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



55806F



597B97



936C7F



8A7457

# Rectangle

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



55806F



47808A



936C7F



976D64



# Sweetspot

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



55806F



95A69F



668055



4A5450



D4D4D4



545454



# Same Dimension

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



55806F



63A68C



557C80



39403D



00804D



000000



# Inverse Universe

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



805566



A6637E



805955



40393C



800032



000000



# Previews

## White Background



This preview shows how the Hex color 55806F looks on a white background.

## Color Contrast Check

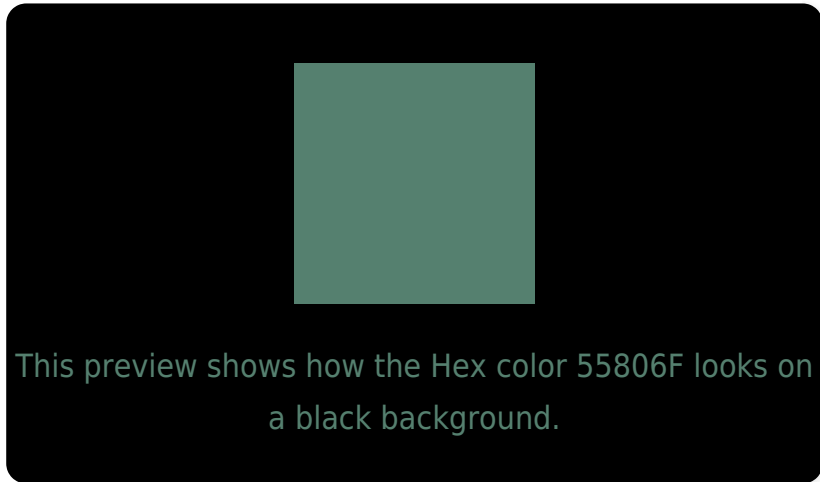
Large Text (above 18pt) WCAG AA ✓ Pass

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

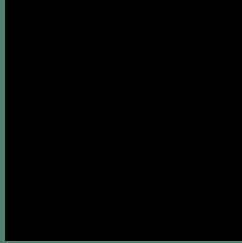
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 55806F Background



This preview shows how black text looks on a background with the Hex color 55806F.

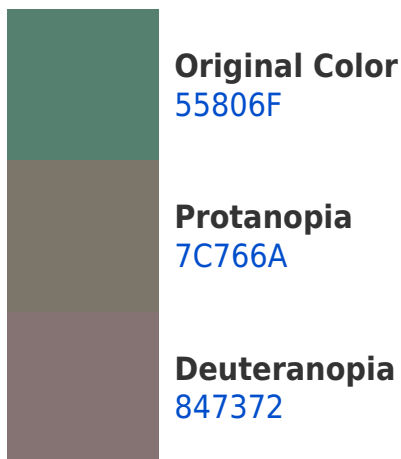



This preview shows how white text looks on a background with the Hex color 55806F.

# 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](#).

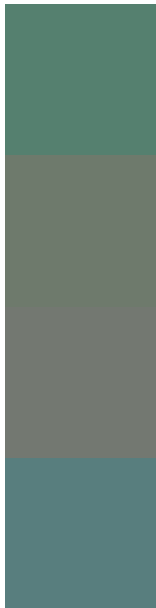
## Dichromacy





**Tritanopia**  
5A7D87

# Trichromacy



**Original Color**  
55806F

**Protanomaly**  
6E7A6C

**Deuteranomaly**  
737871

**Tritanomaly**  
587E7E

# Monochromacy



**Original Color**  
55806F

**Achromatopsia**  
717171

**Achromatomaly**  
677670

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55806F 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 #55806F looks like.

```
.text, #text, p{  
    color:#55806F  
}
```

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 #55806F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55806F
}
```

## Border

The CSS property to change the border of an element to Hex 55806F 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
#55806F }
```

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

```
.border{ border-color:#55806F }
```

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

Here you see how a box with a 4 pixel #55806F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55806F; -webkit-box-shadow:4px 4px  
4px 4px #55806F; box-shadow:4px 4px 4px  
4px #55806F }
```

# Background

The CSS property to change the background color of an element to Hex 55806F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55806F }
```

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

```
.background{ background-color:#55806F }
```

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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