

# Converting Colors

Hex(5F986D)

Have a look what the booklet for  
Hex(5F986D) contains.

|  |    |
|--|----|
| <b>Hex(5F986D)</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(5F986D)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 5F986D                       |
| RGB         | 95, 152, 109                 |
| RGB Percent | 37%, 60%, 43%                |
| CMY         | 0.6275, 0.4039, 0.5725       |
| CMYK        | 0.38, 0.00, 0.28, 0.40       |
| HSL         | 135°, 23%, 48%               |
| HSV         | 135°, 38%, 60%               |
| XYZ         | 18.7079, 25.9935, 18.4992    |
| YIQ         | 130.0550, -20.1690, -25.4570 |

# Conversions

## Conversions Part 2

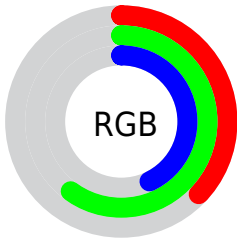
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>R<sub>YB</sub></b>               | 95, 141, 152                    |
| Decimal                             | 6264941                         |
| CIE <sub>Lab</sub>                  | 58.03, -28.25, 16.87            |
| CIE <sub>LCh</sub>                  | 58, 32.904, 149.160             |
| Yxy                                 | 25.9935, 0.2960,<br>0.4113      |
| Android<br>(android.graphics.Color) | 4284455021<br>(0xFF5F986D)      |
| YUV                                 | 130.0550, -10.3801,<br>-30.7432 |
| Hunter-Lab                          | 50.9838, -23.7234,<br>14.1756   |

# Details

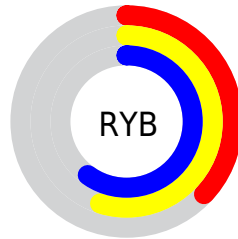
The Hex color **5F986D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **985F8A**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **94CFA1**, and **2C653D** is the 20% darker color. If you saturate the color by 10%, you get **509862**, and if you desaturate by 10%, it is **6E9878**.

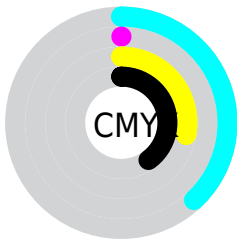
# Distribution



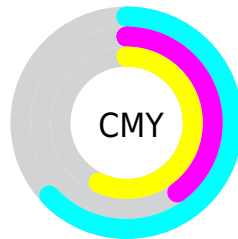
- Red (37%)
- Green (60%)
- Blue (43%)



- Red (37%)
- Yellow (55%)
- Blue (60%)



- Cyan (38%)
- Magenta (0%)
- Yellow (28%)
- Black (40%)



- Cyan (63%)
- Magenta (40%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F986D 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 5F986D by changing the saturation by 10% instead.





5F986D



5F986D

FFFFFF



467E55



94CFA1



2C653D



AFEBBC



124C27



CBFFD8



003512



E7FFF4



002100



000000



5F986D



5F986D



509862



6E9878



419856



7D9884

31984B

8D988F

22983F

9C989B

139834

AB98A6

049828

BA98B2

009825

C998BD

D998C9

E898D4

# Harmonies

## Analogous

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



819258



5F986D



379B8A

# Triad

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



5F986D



608FC5



C37771

# Complementary

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



5F986D



985F8A

# 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.



C1758D



5F986D



8D84BE

# Square

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



5F986D



2A96BC



AF7AA9



B67F5B

# Rectangle

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



5F986D



189B9D



AF7AA9



C4767A



# Sweetspot

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



5F986D



AFC4B4



8B985F



57635A



E3E3E3



636363



# Same Dimension

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



5F986D



6CC482



5F9889



454D47



008C22



000D03



# Inverse Universe

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



985F8A



C46CAF



985F6E



4D454B



8C006A

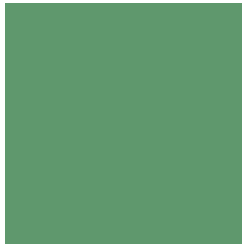


0D000A



# Previews

## White Background



This preview shows how the Hex color 5F986D looks on a white background.

## Color Contrast Check

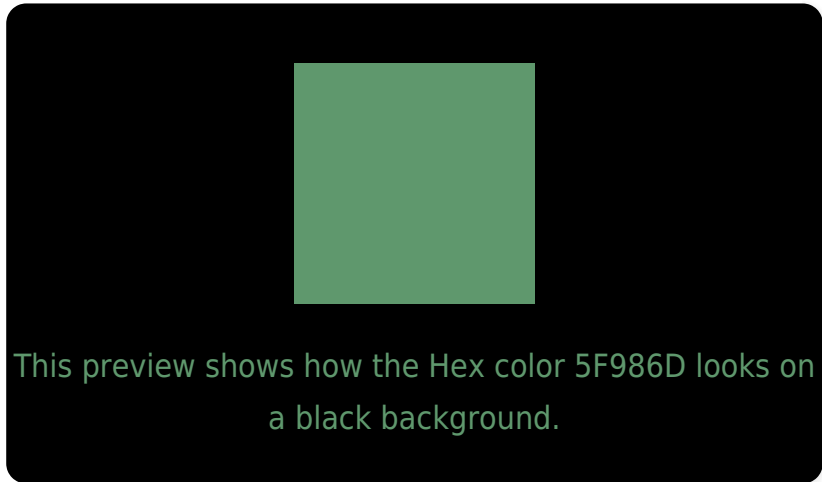
Large Text (above 18pt) WCAG AA ✓ Pass

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 5F986D Background



This preview shows how black text looks on a background with the Hex color 5F986D.




This preview shows how white text looks on a background with the Hex color 5F986D.

# 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**  
69929D

# Trichromacy



**Original Color**  
5F986D

**Protanomaly**  
819069

**Deuteranomaly**  
898C70

**Tritanomaly**  
65948C

# Monochromacy



**Original Color**  
5F986D

**Achromatopsia**  
828282

**Achromatomaly**  
758A7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F986D 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 #5F986D looks like.

```
.text, #text, p{  
    color:#5F986D  
}
```

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 #5F986D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F986D
}
```

## Border

The CSS property to change the border of an element to Hex 5F986D 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
#5F986D }
```

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

```
.border{ border-color:#5F986D }
```

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

Here you see how a box with a 4 pixel #5F986D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F986D; -webkit-box-shadow:4px 4px  
4px 4px #5F986D; box-shadow:4px 4px 4px  
4px #5F986D }
```

# Background

The CSS property to change the background color of an element to Hex 5F986D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F986D }
```

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

```
.background{ background-color:#5F986D }
```

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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