

# Converting Colors

Hex(58987D)

Have a look what the booklet for  
Hex(58987D) contains.

<b>Hex(58987D)</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(58987D)

# Conversions

## Conversions Part 1

Format	Color
Hex	58987D
RGB	88, 152, 125
RGB Percent	35%, 60%, 49%
CMY	0.6549, 0.4039, 0.5098
CMYK	0.42, 0.00, 0.18, 0.40
HSL	155°, 27%, 47%
HSV	155°, 42%, 60%
XYZ	18.9544, 26.0118, 23.4238
YIQ	129.7860, -29.4770, -21.9650

# Conversions

## Conversions Part 2

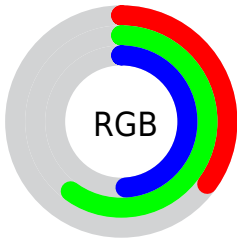
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 129, 152
Decimal	5806205
CIE <sub>Lab</sub>	58.05, -27.05, 7.83
CIE <sub>LCh</sub>	58, 28.165, 163.856
Yxy	26.0118, 0.2772, 0.3803
Android (android.graphics.Color)	4283996285 (0xFF58987D)
YUV	129.7860, -2.3595, -36.6463
Hunter-Lab	51.0018, -22.9151, 8.4709

# Details

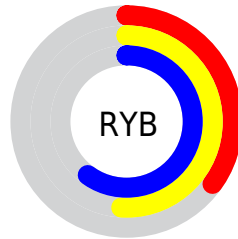
The Hex color **58987D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **985873**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **8DCFB2**, and **24654C** is the 20% darker color. If you saturate the color by 10%, you get **499877**, and if you desaturate by 10%, it is **679883**.

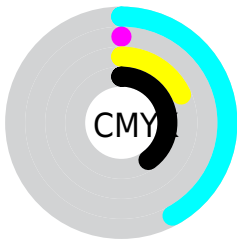
# Distribution



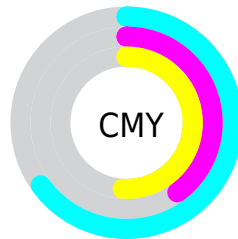
- Red (35%)
- Green (60%)
- Blue (49%)



- Red (35%)
- Yellow (51%)
- Blue (60%)



- Cyan (42%)
- Magenta (0%)
- Yellow (18%)
- Black (40%)



- Cyan (65%)
- Magenta (40%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58987D 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 58987D by changing the saturation by 10% instead.



■ 58987D

■ 58987D

FFFFFF

■ 3E7E64

■ 8DCFB2

■ 24654C

■ A8EBCD

■ 024C35

■ C4FFE9

■ 003520

■ E1FFFF

■ 002109

FEFFFF

■ 000000

■ 58987D

■ 58987D

■ 499877

■ 679883

■ 3A9870

■ 76988A

 2A986A

 869890

 1B9863

 959897

 0C985D

 A4989D

 009858

 B398A3

 C298AA

 D298B0

 E198B7

# Harmonies

## Analogous

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



759467



58987D



3E9996

# Triad

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



58987D



7C8ABB



B87D6A

# Complementary

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



58987D



985873

# 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.



BC7981



58987D



9D81AF

# Square

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



58987D



5692BA



B47A9A



A8855D

# Rectangle

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



58987D



3798A6



B47A9A



BB7B71



# Sweetspot

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



58987D



ABC4BA



749858



54635D



E3E3E3



636363



# Same Dimension

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



58987D



60C49A



589498



454D49



008C51



000D07



# Inverse Universe

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



985873



C4608A



985C58



4D4548



8C003B



0D0005



# Previews

## White Background



This preview shows how the Hex color 58987D looks on a white background.

## Color Contrast Check

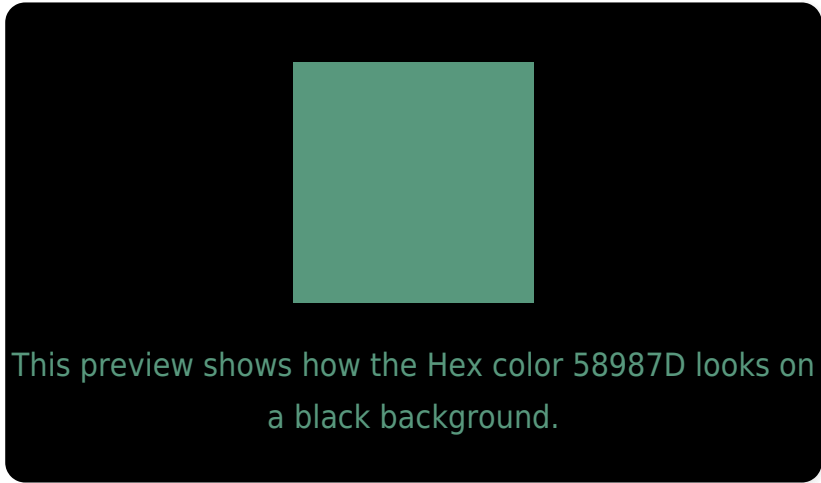
Large Text (above 18pt) WCAG AA ✓ Pass

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

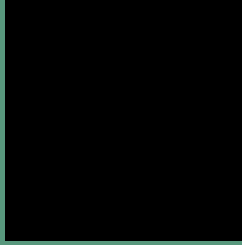
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 58987D Background



This preview shows how black text looks on a background with the Hex color 58987D.




This preview shows how white text looks on a background with the Hex color 58987D.

# 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**  
60939F

# Trichromacy



**Original Color**  
58987D

**Protanomaly**  
7D8F79

**Deuteranomaly**  
838D80

**Tritanomaly**  
5D9593

# Monochromacy



**Original Color**  
58987D

**Achromatopsia**  
828282

**Achromatomaly**  
738A80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58987D 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 #58987D looks like.

```
.text, #text, p{  
    color:#58987D  
}
```

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 #58987D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58987D
}
```

## Border

The CSS property to change the border of an element to Hex 58987D 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
#58987D }
```

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

```
.border{ border-color:#58987D }
```

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

Here you see how a box with a 4 pixel #58987D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58987D; -webkit-box-shadow:4px 4px  
4px 4px #58987D; box-shadow:4px 4px 4px  
4px #58987D }
```

# Background

The CSS property to change the background color of an element to Hex 58987D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58987D }
```

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

```
.background{ background-color:#58987D }
```

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