

Converting Colors

Hex(58985A)

Have a look what the booklet for
Hex(58985A) contains.

Hex(58985A)	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(58985A)

Conversions

Conversions Part 1

Format	Color
Hex	58985A
RGB	88, 152, 90
RGB Percent	35%, 60%, 35%
CMY	0.6549, 0.4039, 0.6471
CMYK	0.42, 0.00, 0.41, 0.40
HSL	122°, 27%, 47%
HSV	122°, 42%, 60%
XYZ	17.0982, 25.2694, 13.6492
YIQ	125.7960, -18.2420, -32.8500

Conversions

Conversions Part 2

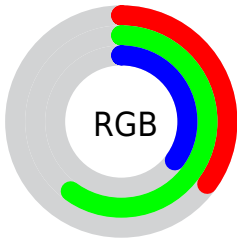
Format	Color
R_{YB}	88, 150, 152
Decimal	5806170
CIE _{Lab}	57.34, -33.85, 26.35
CIE _{LCh}	57, 42.898, 142.106
Y _{xy}	25.2694, 0.3052, 0.4511
Android (android.graphics.Color)	4283996250 (0xFF58985A)
Y _{UV}	125.7960, -17.6474, -33.1471
Hunter-Lab	50.2686, -27.2558, 19.0894

Details

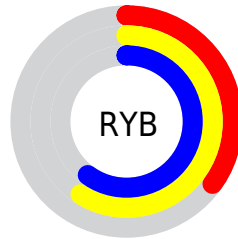
The Hex color **58985A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **985896**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **8DCF8D**, and **23642B** is the 20% darker color. If you saturate the color by 10%, you get **49984B**, and if you desaturate by 10%, it is **679869**.

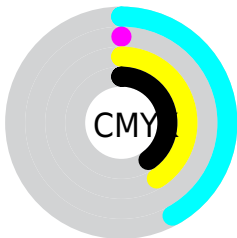
Distribution



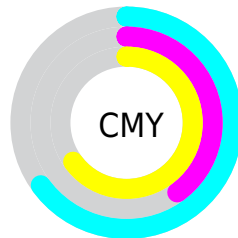
- Red (35%)
- Green (60%)
- Blue (35%)



- Red (35%)
- Yellow (59%)
- Blue (60%)



- Cyan (42%)
- Magenta (0%)
- Yellow (41%)
- Black (40%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 58985A 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 58985A by changing the saturation by 10% instead.



58985A



58985A

FFFFFF



3E7E42



8DCF8D



23642B



A8EBA7



014C14



C4FFC3



003400



E1FFDF



002100



FEFFFC



000000



58985A



58985A



49984B



679869



3A983D



769877

 2A982E

 869886

 1B981F

 959895

 0C9810

 A498A4

 009805

 B398B2

 C298C1

 D298D0

 E198DF

Harmonies

Analogous

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



849041



58985A



009C7E

Triad

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



58985A



2791D3



D06C70

Complementary

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



58985A



985896

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.



CA6B95



58985A



7D84CF

Square

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



58985A



0099C4



AE75B8



C37650

Rectangle

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



58985A



009D98



AE75B8



D06A7C

Sweetspot

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



58985A



ABC4AC



979858



546354



E3E3E3



636363

Same Dimension

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



58985A



60C463



589879



454D45



008C04



000D00

Inverse Universe

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



985896



C460C1



985877



4D454C



8C0088



0D000C

Previews

White Background



This preview shows how the Hex color 58985A looks on a white background.

Color Contrast Check

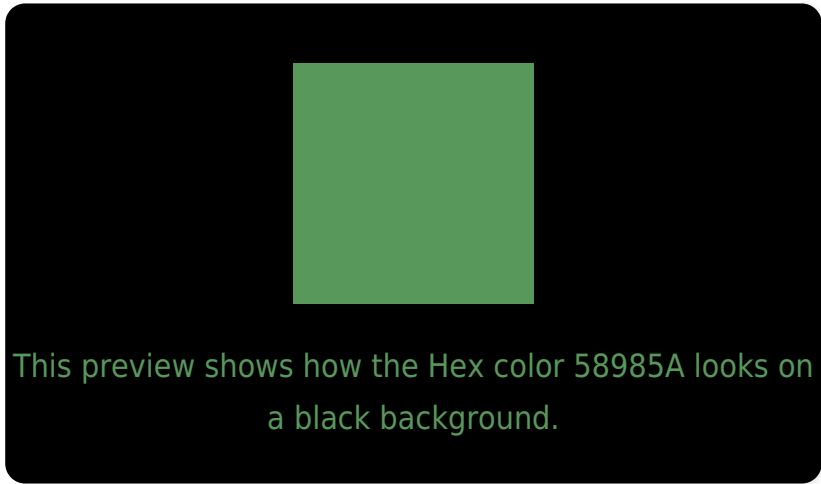
Large Text (above 18pt) WCAG AA ✓ Pass

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

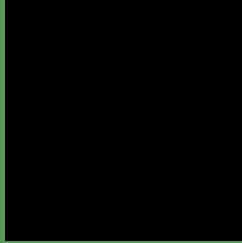
Any Text WCAG AA ✓ Pass

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 58985A Background



This preview shows how black text looks on a background with the Hex color 58985A.



This preview shows how white text looks on a background with the Hex color 58985A.

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
65909C

Trichromacy



Original Color
58985A



Protanomaly
7F8E56



Deuteranomaly
888B5D



Tritanomaly
609384

Monochromacy



Original Color
58985A



Achromatopsia
7E7E7E



Achromatomaly
708771

CSS Examples

Text

The CSS property to change the color of the text to Hex 58985A 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 #58985A looks like.

```
.text, #text, p{  
    color:#58985A  
}
```

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 #58985A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58985A
}
```

Border

The CSS property to change the border of an element to Hex 58985A 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
#58985A }
```

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

```
.border{ border-color:#58985A }
```

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

Here you see how a box with a 4 pixel #58985A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58985A; -webkit-box-shadow:4px 4px  
4px 4px #58985A; box-shadow:4px 4px 4px  
4px #58985A }
```

Background

The CSS property to change the background color of an element to Hex 58985A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58985A }
```

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

```
.background{ background-color:#58985A }
```

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