

Converting Colors

Hex(55985B)

Have a look what the booklet for
Hex(55985B) contains.

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Color

Hex(55985B)

Conversions

Conversions Part 1

Format	Color
Hex	55985B
RGB	85, 152, 91
RGB Percent	33%, 60%, 36%
CMY	0.6667, 0.4039, 0.6431
CMYK	0.44, 0.00, 0.40, 0.40
HSL	125°, 28%, 46%
HSV	125°, 44%, 60%
XYZ	16.8629, 25.1431, 13.8619
YIQ	125.0130, -20.3510, -33.1750

Conversions

Conversions Part 2

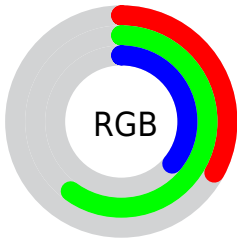
Format	Color
RYB	85, 146, 152
Decimal	5609563
CIELab	57.21, -34.63, 25.62
CIELCh	57, 43.074, 143.503
Yxy	25.1431, 0.3018, 0.4500
Android (android.graphics.Color)	4283799643 (0xFF55985B)
YUV	125.0130, -16.7684, -35.0914
Hunter-Lab	50.1429, -27.7212, 18.7095

Details

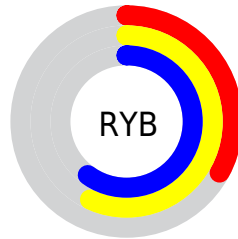
The Hex color **55985B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **985592**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **8ACF8E**, and **1F642C** is the 20% darker color. If you saturate the color by 10%, you get **46984D**, and if you desaturate by 10%, it is **649869**.

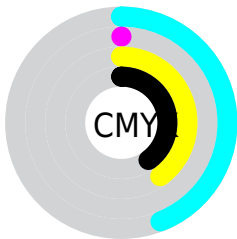
Distribution



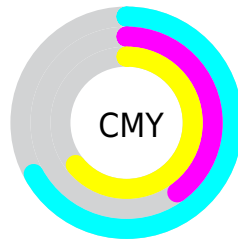
- Red (33%)
- Green (60%)
- Blue (36%)



- Red (33%)
- Yellow (57%)
- Blue (60%)



- Cyan (44%)
- Magenta (0%)
- Yellow (40%)
- Black (40%)



- Cyan (67%)
- Magenta (40%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55985B 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 55985B by changing the saturation by 10% instead.

■ 55985B

■ 55985B

FFFFFF

■ 3B7E43

■ 8ACF8E

■ 1F642C

■ A5EBA8

■ 004C15

■ C1FFC4

■ 003400

■ DEFFE0

■ 002100

■ FBFFFD

■ 000000

■ 55985B

■ 55985B

■ 46984D

■ 649869

■ 37983F

■ 739877

 279831

 839885

 189824

 929892

 099816

 A198A0

 00980E

 B098AE

 BF98BC

 CF98CA

 DE98D8

Harmonies

Analogous

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



829042



55985B



009C80

Triad

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



55985B



2C90D4



D06C6D

Complementary

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



55985B



985592

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.



CB6A93



55985B



7F83CE

Square

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



55985B



0098C5



B074B6



C2774E

Rectangle

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



55985B



009D9A



B074B6



D06A7A

Sweetspot

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



55985B



ABC4AD



929855



546355



E3E3E3



636363

Same Dimension

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



55985B



5CC466



55987C



454D46



008C0D



000D01

Inverse Universe

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



985592



C45CBB



985571



4D454C



8C0080



0D000C

Previews

White Background



This preview shows how the Hex color 55985B looks on a white background.

Color Contrast Check

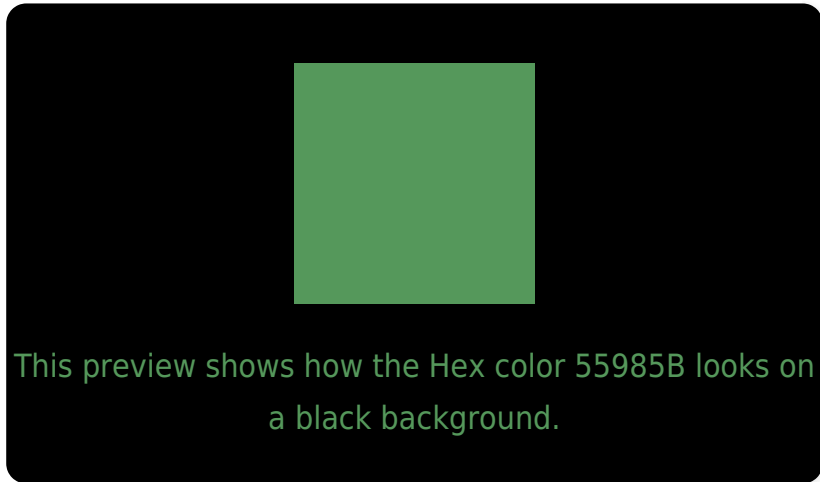
Large Text (above 18pt) WCAG AA ✓ Pass

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

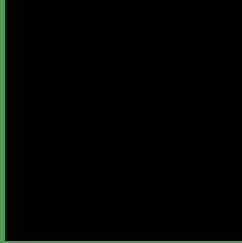
Any Text WCAG AA ✓ Pass

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 55985B Background



This preview shows how black text looks on a background with the Hex color 55985B.



This preview shows how white text looks on a background with the Hex color 55985B.

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
63909C

Trichromacy



Original Color
55985B



Protanomaly
7E8E57



Deuteranomaly
878B5E



Tritanomaly
5E9384

Monochromacy



Original Color
55985B



Achromatopsia
7D7D7D



Achromatomaly
6E8771

CSS Examples

Text

The CSS property to change the color of the text to Hex 55985B 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 #55985B looks like.

```
.text, #text, p{  
    color:#55985B  
}
```

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 #55985B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55985B
}
```

Border

The CSS property to change the border of an element to Hex 55985B 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
#55985B }
```

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

```
.border{ border-color:#55985B }
```

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

Here you see how a box with a 4 pixel #55985B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55985B; -webkit-box-shadow:4px 4px  
4px 4px #55985B; box-shadow:4px 4px 4px  
4px #55985B }
```

Background

The CSS property to change the background color of an element to Hex 55985B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55985B }
```

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

```
.background{ background-color:#55985B }
```

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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