

# Converting Colors

Hex(53985C)

Have a look what the booklet for  
Hex(53985C) contains.

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**Color**

**Hex(53985C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53985C
RGB	83, 152, 92
RGB Percent	33%, 60%, 36%
CMY	0.6745, 0.4039, 0.6392
CMYK	0.45, 0.00, 0.39, 0.40
HSL	128°, 29%, 46%
HSV	128°, 45%, 60%
XYZ	16.7273, 25.0682, 14.0822
YIQ	124.5290, -21.8640, -33.2880

# Conversions

## Conversions Part 2

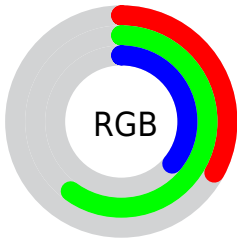
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 144, 152
Decimal	5478492
CIE <sub>Lab</sub>	57.14, -35.07, 24.96
CIE <sub>LCh</sub>	57, 43.046, 144.554
Yxy	25.0682, 0.2994, 0.4486
Android (android.graphics.Color)	4283668572 (0xFF53985C)
YUV	124.5290, -16.0368, -36.4209
Hunter-Lab	50.0681, -27.9841, 18.3717

# Details

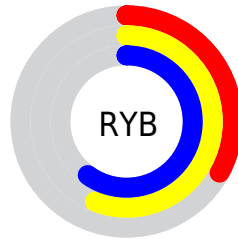
The Hex color **53985C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **98538F**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **88CF8F**, and **1D642D** is the 20% darker color. If you saturate the color by 10%, you get **44984F**, and if you desaturate by 10%, it is **629869**.

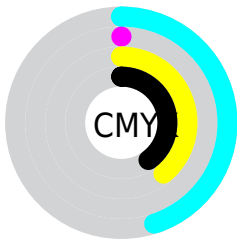
# Distribution



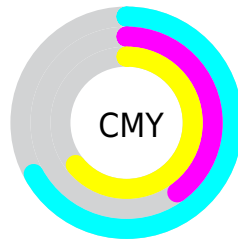
- Red (33%)
- Green (60%)
- Blue (36%)



- Red (33%)
- Yellow (56%)
- Blue (60%)



- Cyan (45%)
- Magenta (0%)
- Yellow (39%)
- Black (40%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 53985C 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 53985C by changing the saturation by 10% instead.



■ 53985C

■ 53985C

FFFFFF

■ 397E44

■ 88CF8F

■ 1D642D

■ A4EBAA

■ 004C17

■ C0FFC5

■ 003400

■ DCFFE1

■ 002100

■ F9FFFE

■ 000000

■ 53985C

■ 53985C

■ 44984F

■ 629869

■ 359842

■ 719876

■ 259834

■ 819884

■ 169827

■ 909891

■ 07981A

■ 9F989E

■ 009814

■ AE98AB

■ BD98B9

■ CD98C6

■ DC98D3

# Harmonies

## Analogous

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



819042



53985C



009C81

# Triad

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



53985C



308FD4



CF6C6C

# Complementary

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



53985C



98538F

# 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.



CB6A92



53985C



8182CD

# Square

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



53985C



0098C6



B173B5



C1774D

# Rectangle

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



53985C



009C9B



B173B5



D06A78



# Sweetspot

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



53985C



A9C4AC



909853



536355



E3E3E3



636363



# Same Dimension

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



53985C



5AC468



53987E



454D46



008C12



000D02



# Inverse Universe

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



98538F



C45AB7



98536D



4D454C



8C007A



0D000B



# Previews

## White Background



This preview shows how the Hex color 53985C looks on a white background.

## Color Contrast Check

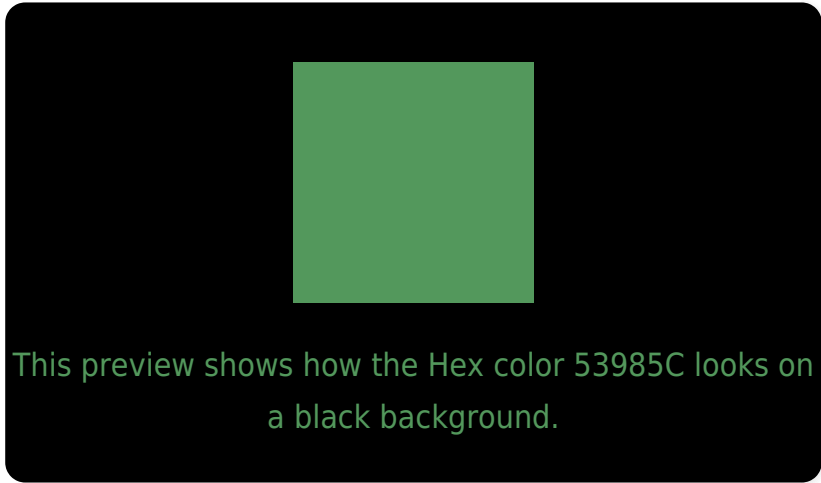
Large Text (above 18pt) WCAG AA ✓ Pass

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 53985C Background



This preview shows how black text looks on a background with the Hex color 53985C.



This preview shows how white text looks on a background with the Hex color 53985C.

# 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**  
61909C

# Trichromacy



**Original Color**  
53985C

**Protanomaly**  
7D8E58

**Deuteranomaly**  
858B5F

**Tritanomaly**  
5C9385

# Monochromacy



**Original Color**  
53985C

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
6E8771

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53985C 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 #53985C looks like.

```
.text, #text, p{  
    color:#53985C  
}
```

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 #53985C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53985C  
}
```

## Border

The CSS property to change the border of an element to Hex 53985C 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  
#53985C }
```

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

```
.border{ border-color:#53985C }
```

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

Here you see how a box with a 4 pixel #53985C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53985C; -webkit-box-shadow:4px 4px  
4px 4px #53985C; box-shadow:4px 4px 4px  
4px #53985C }
```

# Background

The CSS property to change the background color of an element to Hex 53985C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53985C }
```

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

```
.background{ background-color:#53985C }
```

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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