

# Converting Colors

Hex(59885B)

Have a look what the booklet for  
Hex(59885B) contains.

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# Color

Hex(59885B)

# Conversions

## Conversions Part 1

Format	Color
Hex	59885B
RGB	89, 136, 91
RGB Percent	35%, 53%, 36%
CMY	0.6510, 0.4667, 0.6431
CMYK	0.35, 0.00, 0.33, 0.47
HSL	123°, 21%, 44%
HSV	123°, 35%, 53%
XYZ	14.8123, 20.4875, 13.0713
YIQ	116.8170, -13.5670, -23.9590

# Conversions

## Conversions Part 2

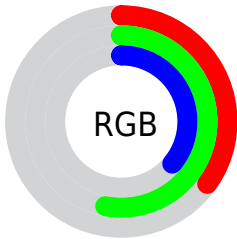
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 134, 136
Decimal	5867611
CIELab	52.38, -25.69, 19.24
CIELCh	52, 32.096, 143.166
Yxy	20.4875, 0.3062, 0.4235
Android (android.graphics.Color)	4284057691 (0xFF59885B)
YUV	116.8170, -12.7278, -24.3955
Hunter-Lab	45.2631, -20.7965, 14.5621

# Details

The Hex color **59885B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **885986**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **8DBE8D**, and **28562D** is the 20% darker color. If you saturate the color by 10%, you get **4B884E**, and if you desaturate by 10%, it is **678868**.

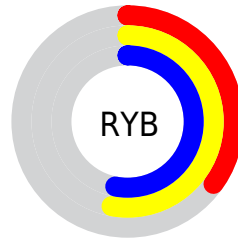
# Distribution



Red (35%)

Green (53%)

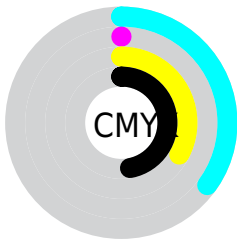
Blue (36%)



Red (35%)

Yellow (53%)

Blue (53%)

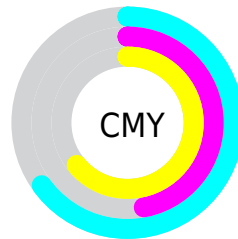


Cyan (35%)

Magenta (0%)

Yellow (33%)

Black (47%)



Cyan (65%)

Magenta (47%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59885B 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 59885B by changing the saturation by 10% instead.





59885B



59885B

FFFFFF



406E43



8DBE8D



28562D



A8DAA8



0E3E17



C3F6C3



002800



DFFFFD



000F00



FCFFFC



000000



59885B



59885B



4B884E



678868



3E8841



748875

 308834

 828882

 238827

 8F888F

 15881A

 9D889C

 07880D

 AB88A9

 008806

 B888B6

 C688C3

 D388D0

# Harmonies

## Analogous

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



798249



59885B



328B75

# Triad

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



59885B



4782B3



B26869

# Complementary

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



59885B



885986

# 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.



AE6884



59885B



7778AF

# Square

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



59885B



0088A8



996E9E



A97052

# Rectangle

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



59885B



098C89



996E9E



B26772



# Sweetspot

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



59885B



9EB09F



868859



4F594F



D9D9D9



595959



# Same Dimension

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



59885B



68B06B



598872



3E453E



008506



000500



# Inverse Universe

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



885986



B068AD



88596F



453E45



85007F



050005



# Previews

## White Background



This preview shows how the Hex color 59885B looks on a white background.

## Color Contrast Check

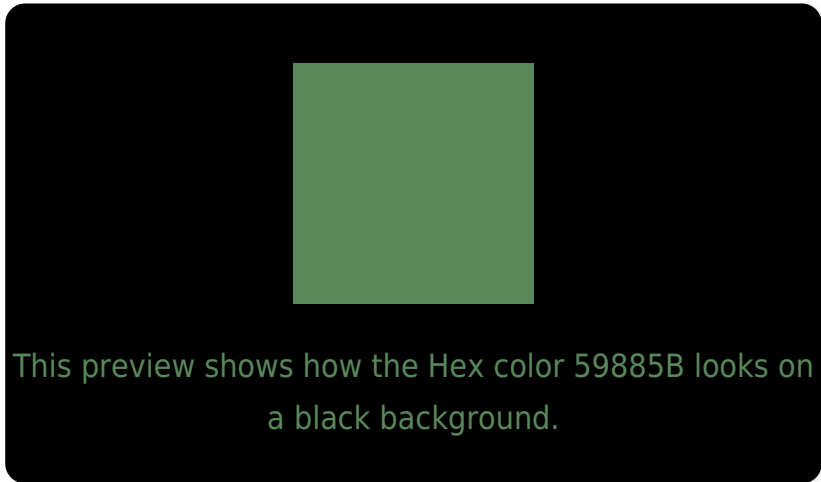
Large Text (above 18pt) WCAG AA ✓ Pass

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

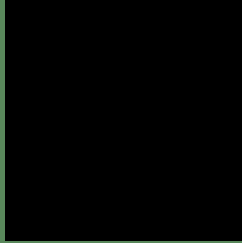
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 59885B Background



This preview shows how black text looks on a background with the Hex color 59885B.

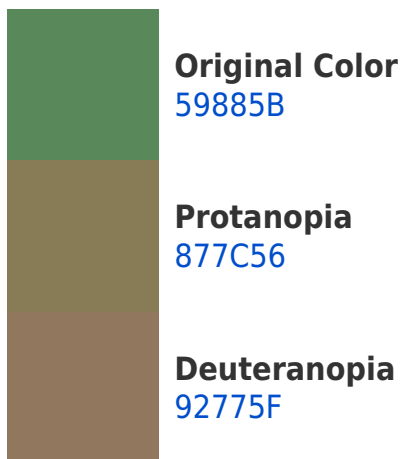



This preview shows how white text looks on a background with the Hex color 59885B.

# 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**  
62828C

# Trichromacy



**Original Color**  
59885B

**Protanomaly**  
768058

**Deuteranomaly**  
7D7D5E

**Tritanomaly**  
5F847A

# Monochromacy



**Original Color**  
59885B

**Achromatopsia**  
757575

**Achromatomaly**  
6B7C6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59885B 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 #59885B looks like.

```
.text, #text, p{  
    color:#59885B  
}
```

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 #59885B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59885B
}
```

## Border

The CSS property to change the border of an element to Hex 59885B 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
#59885B }
```

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

```
.border{ border-color:#59885B }
```

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

Here you see how a box with a 4 pixel #59885B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59885B; -webkit-box-shadow:4px 4px  
4px 4px #59885B; box-shadow:4px 4px 4px  
4px #59885B }
```

# Background

The CSS property to change the background color of an element to Hex 59885B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59885B }
```

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

```
.background{ background-color:#59885B }
```

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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