

# Converting Colors

Hex(50835C)

Have a look what the booklet for  
Hex(50835C) contains.

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# Color

Hex(50835C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	50835C
RGB	80, 131, 92
RGB Percent	31%, 51%, 36%
CMY	0.6863, 0.4863, 0.6392
CMYK	0.39, 0.00, 0.30, 0.49
HSL	134°, 24%, 41%
HSV	134°, 39%, 51%
XYZ	13.3563, 18.7108, 13.0328
YIQ	111.3050, -17.8770, -22.9410

# Conversions

## Conversions Part 2

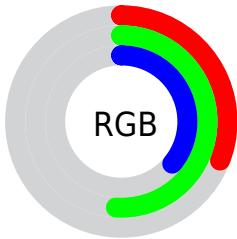
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 121, 131
Decimal	5276508
CIE <sub>Lab</sub>	50.35, -26.03, 15.83
CIE <sub>LCh</sub>	50, 30.465, 148.701
Yxy	18.7108, 0.2961, 0.4149
Android (android.graphics.Color)	4283466588 (0xFF50835C)
YUV	111.3050, -9.5174, -27.4545
Hunter-Lab	43.2560, -20.5817, 12.4154

# Details

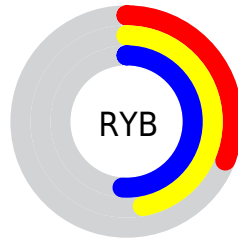
The Hex color **50835C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **835077**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **83B88E**, and **1E512E** is the 20% darker color. If you saturate the color by 10%, you get **438352**, and if you desaturate by 10%, it is **5D8366**.

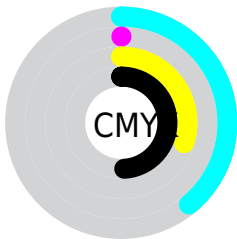
# Distribution



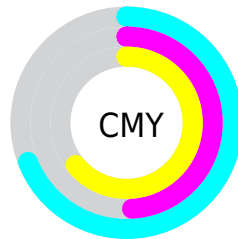
- Red (31%)
- Green (51%)
- Blue (36%)



- Red (31%)
- Yellow (47%)
- Blue (51%)



- Cyan (39%)
- Magenta (0%)
- Yellow (30%)
- Black (49%)



- Cyan (69%)
- Magenta (49%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 50835C 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 50835C by changing the saturation by 10% instead.



 50835C

 50835C

FFFFFF

 376A44

 83B88E

 1E512E

 9ED4A9

 023A19

 B9F1C4

 002400

 D6FFE0

 000200

 F2FFFD

 000000

 50835C

 50835C

 438352

 5D8366

 368348

 6A8370

■ 29833E

■ 77837A

■ 1C8334

■ 848384

■ 0F832A

■ 92838E

■ 018320

■ 9F8398

■ 00831F

■ AC83A2

■ B983AC

■ C683B6

# Harmonies

## Analogous

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



6F7E49



50835C



2B8576

# Triad

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



50835C



4F7BAB



A96560

# Complementary

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



50835C



835077

# 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.



A8647A



50835C



7972A5

# Square

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



50835C



1A81A3



976893



9E6D4C

# Rectangle

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



50835C



048688



976893



AA6468



# Sweetspot

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



50835C



96AB9B



778350



4B574D



D6D6D6



575757



# Same Dimension

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



50835C



5BAB6D



508375



3C423D



00821F



000301



# Inverse Universe

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



835077



AB5B98



83505E



423C41



820063



030002



# Previews

## White Background



This preview shows how the Hex color 50835C looks on a white background.

## Color Contrast Check

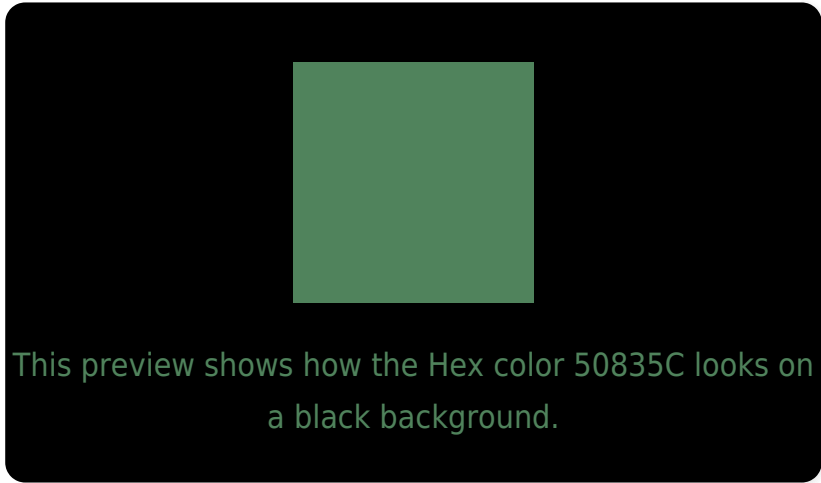
Large Text (above 18pt) WCAG AA ✓ Pass

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

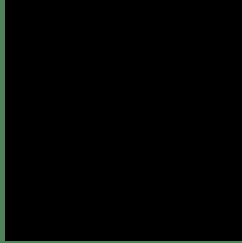
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 50835C Background



This preview shows how black text looks on a background with the Hex color 50835C.




This preview shows how white text looks on a background with the Hex color 50835C.

# 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**  
597D88

# Trichromacy



**Original Color**  
50835C

**Protanomaly**  
6F7B59

**Deuteranomaly**  
76795F

**Tritanomaly**  
567F78

# Monochromacy



**Original Color**  
50835C

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
647668

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 50835C 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 #50835C looks like.

```
.text, #text, p{  
    color:#50835C  
}
```

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 #50835C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50835C
}
```

## Border

The CSS property to change the border of an element to Hex 50835C 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
#50835C }
```

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

```
.border{ border-color:#50835C }
```

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

Here you see how a box with a 4 pixel #50835C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50835C; -webkit-box-shadow:4px 4px  
4px 4px #50835C; box-shadow:4px 4px 4px  
4px #50835C }
```

# Background

The CSS property to change the background color of an element to Hex 50835C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50835C }
```

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

```
.background{ background-color:#50835C }
```

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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