

Converting Colors

Hex(51855C)

Have a look what the booklet for
Hex(51855C) contains.

Hex(51855C)	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(51855C)

Conversions

Conversions Part 1

Format	Color
Hex	51855C
RGB	81, 133, 92
RGB Percent	32%, 52%, 36%
CMY	0.6824, 0.4784, 0.6392
CMYK	0.39, 0.00, 0.31, 0.48
HSL	133°, 24%, 42%
HSV	133°, 39%, 52%
XYZ	13.7126, 19.2971, 13.1272
YIQ	112.7780, -17.8310, -23.7750

Conversions

Conversions Part 2

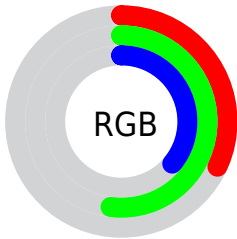
Format	Color
RYB	81, 124, 133
Decimal	5342556
CIELab	51.03, -26.70, 16.77
CIELCh	51, 31.527, 147.861
Yxy	19.2971, 0.2972, 0.4183
Android (android.graphics.Color)	4283532636 (0xFF51855C)
YUV	112.7780, -10.2436, -27.8693
Hunter-Lab	43.9285, -21.1545, 13.0322

Details

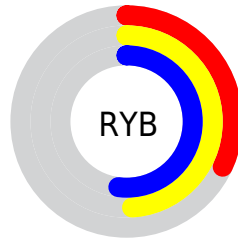
The Hex color **51855C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **85517A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **84BA8E**, and **1F532E** is the 20% darker color. If you saturate the color by 10%, you get **448552**, and if you desaturate by 10%, it is **5E8566**.

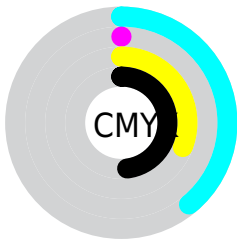
Distribution



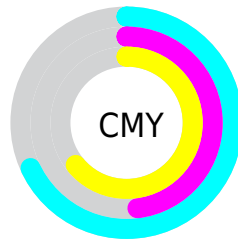
- Red (32%)
- Green (52%)
- Blue (36%)



- Red (32%)
- Yellow (49%)
- Blue (52%)



- Cyan (39%)
- Magenta (0%)
- Yellow (31%)
- Black (48%)



- Cyan (68%)
- Magenta (48%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51855C 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 51855C by changing the saturation by 10% instead.



51855C



51855C

FFFFFF



386B44



84BA8E



1F532E



9FD6A9



033B18



BBF3C4



002500



D7FFE0



000700



F4FFFD



000000



51855C



51855C



448552



5E8566



368547



6C8571

■ 29853D

■ 79857B

■ 1C8532

■ 868586

■ 0F8528

■ 948590

■ 01851D

■ A1859B

■ 00851C

■ AE85A5

■ BB85B0

■ C985BA

Harmonies

Analogous

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



717F49



51855C



298877

Triad

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



51855C



4D7DAF



AD6662

Complementary

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



51855C



85517A

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.



AB647D



51855C



7A73A9

Square

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



51855C



0F84A6



9A6A97



A26E4D

Rectangle

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



51855C



008889



9A6A97



AE656A

Sweetspot

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



51855C



99AD9D



7B8551



4B574D



D6D6D6



575757

Same Dimension

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



51855C



5CAD6D



518575



3C423D



00821C



000301

Inverse Universe

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



85517A



AD5C9C



855161



423C41



820067



030002

Previews

White Background



This preview shows how the Hex color 51855C looks on a white background.

Color Contrast Check

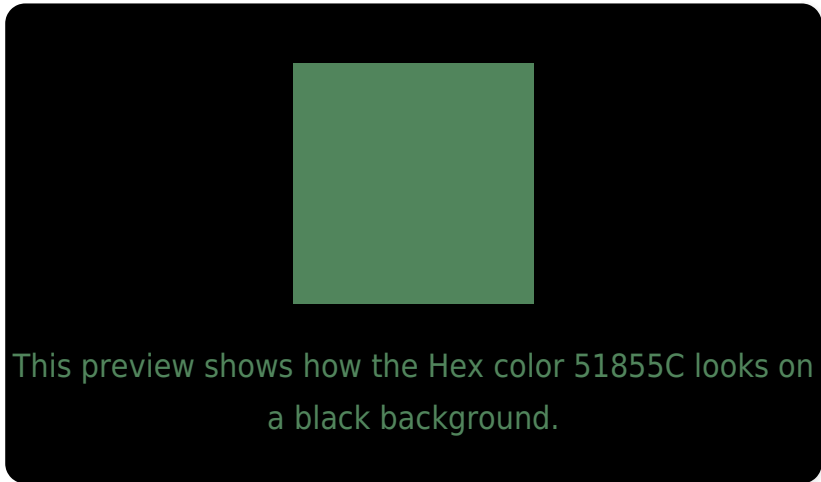
Large Text (above 18pt) WCAG AA ✓ Pass

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

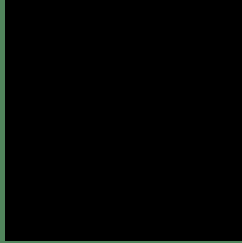
Any Text WCAG AA ✓ Pass

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 51855C Background



This preview shows how black text looks on a background with the Hex color 51855C.



This preview shows how white text looks on a background with the Hex color 51855C.

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



Original Color
51855C

Protanopia
827957

Deuteranopia
8D7460



Tritanopia
5B7F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51855C 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 #51855C looks like.

```
.text, #text, p{  
    color:#51855C  
}
```

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 #51855C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51855C
}
```

Border

The CSS property to change the border of an element to Hex 51855C 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
#51855C }
```

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

```
.border{ border-color:#51855C }
```

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

Here you see how a box with a 4 pixel #51855C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51855C; -webkit-box-shadow:4px 4px  
4px 4px #51855C; box-shadow:4px 4px 4px  
4px #51855C }
```

Background

The CSS property to change the background color of an element to Hex 51855C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51855C }
```

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

```
.background{ background-color:#51855C }
```

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