

# Converting Colors

Hex(C5885E)

Have a look what the booklet for  
Hex(C5885E) contains.

<b>Hex(C5885E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C5885E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C5885E
RGB	197, 136, 94
RGB Percent	77%, 53%, 37%
CMY	0.2275, 0.4667, 0.6314
CMYK	0.00, 0.31, 0.52, 0.23
HSL	24°, 47%, 57%
HSV	24°, 52%, 77%
XYZ	33.8505, 30.2868, 14.6515
YIQ	149.4510, 49.8380, -0.1300

# Conversions

## Conversions Part 2

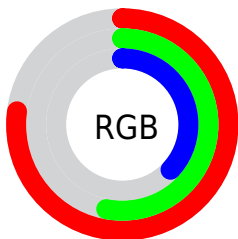
Format	Color
<a href="#">RYB</a>	<a href="#">197, 165, 94</a>
Decimal	<a href="#">12945502</a>
CIELab	<a href="#">61.90, 18.64, 31.82</a>
CIELCh	<a href="#">62, 36.879, 59.648</a>
Yxy	<a href="#">30.2868, 0.4296, 0.3844</a>
Android (android.graphics.Color)	<a href="#">4291135582</a> ( <a href="#">0xFFC5885E</a> )
YUV	<a href="#">149.4510, -27.3373, 41.7005</a>
Hunter-Lab	<a href="#">55.0334, 13.4850, 22.7387</a>

# Details

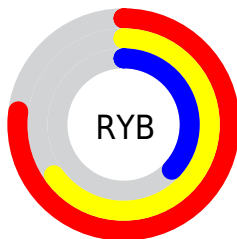
The Hex color **C5885E** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **5E9BC5**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFBE91**, and **8C562F** is the 20% darker color. If you saturate the color by 10%, you get **C57C4A**, and if you desaturate by 10%, it is **C59472**.

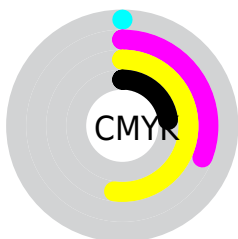
# Distribution



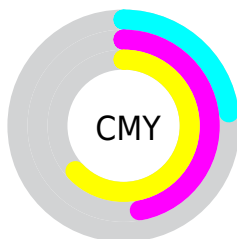
- Red (77%)
- Green (53%)
- Blue (37%)



- Red (77%)
- Yellow (65%)
- Blue (37%)



- Cyan (0%)
- Magenta (31%)
- Yellow (52%)
- Black (23%)



- Cyan (23%)
- Magenta (47%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5885E 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 C5885E by changing the saturation by 10% instead.



 C5885E

 C5885E

FFFFFF

 A86F46

 FFBE91

 8C562F

 FFD9AC

 713E18

 FFF6C7

 562800

 FFFFE3

 3C1300

 240000

 000000

 C5885E

 C5885E

 C57C4A

 C59472

 C57137

 C59F85

 C56523

 C5AB99

 C5590F

 C5B7AD

 C55000

 C5C2C1

 C5CED4

 C5DAE8

 C5E5FC

 C5F1FF

# Harmonies

## Analogous

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



D37E77



C5885E



AB9353

# Triad

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



C5885E



2FA794



988DCE

# Complementary

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



C5885E



5E9BC5

# 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.



6399D6



C5885E



00A6B5

# Square

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



C5885E



62A473



18A2CD



BE82B7

# Rectangle

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



C5885E



959A57



18A2CD



8891D3

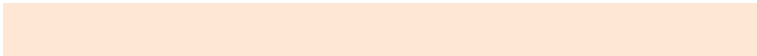


# Sweetspot

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



C5885E



FFE7D6



C55E9C



807167



000000



808080



# Same Dimension

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



C5885E



FFA05E



C5BB5E



635E5A



A34300



240F00

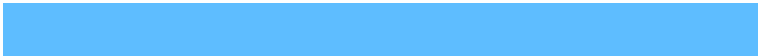


# Inverse Universe

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



5E9BC5



5EBDFE



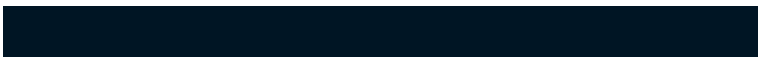
5E68C5



5A5F63



0061A3



001524



# Previews

## White Background



This preview shows how the Hex color C5885E looks on a white background.

## Color Contrast Check

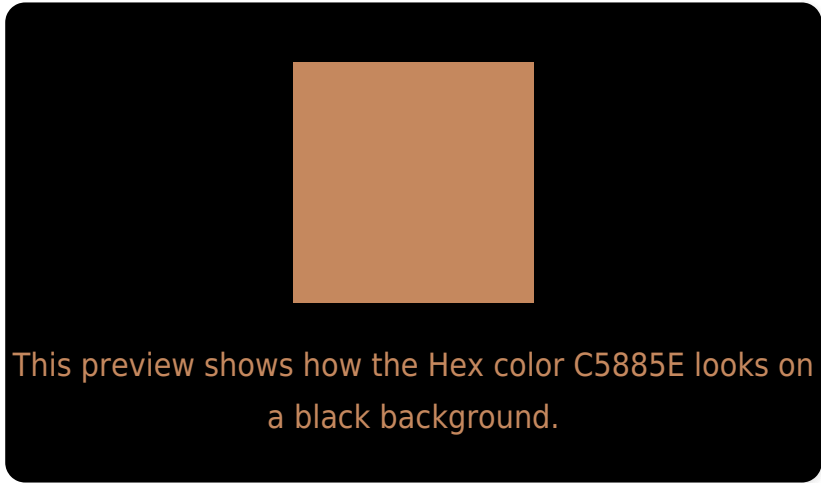
Large Text (above 18pt) WCAG AA × Fail

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

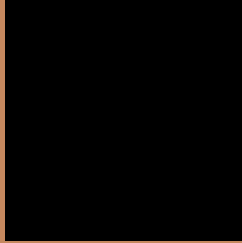
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C5885E Background



This preview shows how black text looks on a background with the Hex color C5885E.



This preview shows how white text looks on a background with the Hex color C5885E.

# 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**  
C5885E

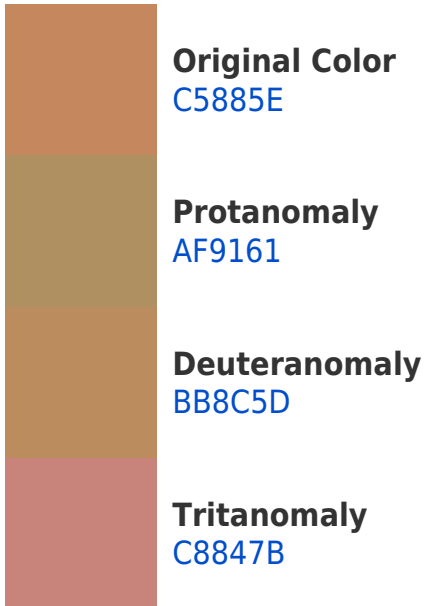
**Protanopia**  
A39663

**Deuteranopia**  
B58F5D

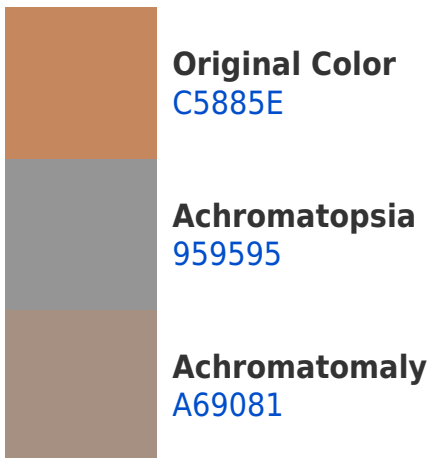


**Tritanopia**  
C9828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5885E 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 #C5885E looks like.

```
.text, #text, p{  
    color:#C5885E  
}
```

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 #C5885E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5885E
}
```

## Border

The CSS property to change the border of an element to Hex C5885E 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
#C5885E }
```

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

```
.border{ border-color:#C5885E }
```

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

Here you see how a box with a 4 pixel #C5885E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5885E; -webkit-box-shadow:4px 4px  
4px 4px #C5885E; box-shadow:4px 4px 4px  
4px #C5885E }
```

# Background

The CSS property to change the background color of an element to Hex C5885E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5885E }
```

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

```
.background{ background-color:#C5885E }
```

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