

# Converting Colors

Hex(C58F41)

Have a look what the booklet for  
Hex(C58F41) contains.

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**Color**

**Hex(C58F41)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C58F41
RGB	197, 143, 65
RGB Percent	77%, 56%, 25%
CMY	0.2275, 0.4392, 0.7451
CMYK	0.00, 0.27, 0.67, 0.23
HSL	35°, 53%, 51%
HSV	35°, 67%, 77%
XYZ	33.8026, 31.8969, 9.3762
YIQ	150.2540, 57.2220, -12.8100

# Conversions

## Conversions Part 2

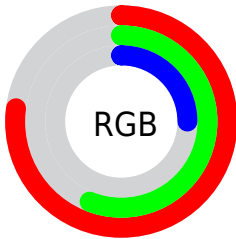
Format	Color
<a href="#">RYB</a>	<a href="#">156, 197, 65</a>
Decimal	<a href="#">12947265</a>
CIELab	<a href="#">63.26, 12.62, 48.33</a>
CIELCh	<a href="#">63, 49.953, 75.366</a>
Yxy	<a href="#">31.8969, 0.4502, 0.4249</a>
Android (android.graphics.Color)	<a href="#">4291137345 (0xFFC58F41)</a>
YUV	<a href="#">150.2540, -42.0302, 40.9962</a>
Hunter-Lab	<a href="#">56.4773, 7.9997, 29.6910</a>

# Details

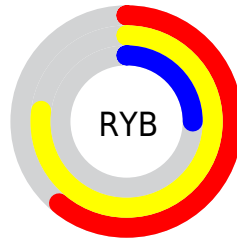
The Hex color **C58F41** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4177C5**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFC574**, and **8B5D0B** is the 20% darker color. If you saturate the color by 10%, you get **C5872D**, and if you desaturate by 10%, it is **C59755**.

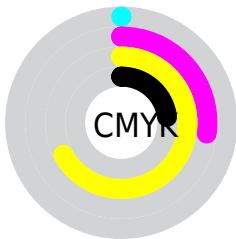
# Distribution



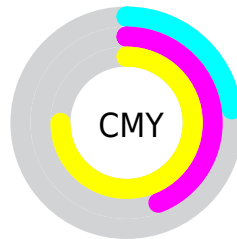
- Red (77%)
- Green (56%)
- Blue (25%)



- Red (61%)
- Yellow (77%)
- Blue (25%)



- Cyan (0%)
- Magenta (27%)
- Yellow (67%)
- Black (23%)



- Cyan (23%)
- Magenta (44%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C58F41 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 C58F41 by changing the saturation by 10% instead.



 C58F41

 C58F41

FFFFFF

 A87528

 FFC574

 8B5D0B

 FFE18E

 6F4500

 FFFDAA

 542F00

 FFFFFC5

 391A00

 FFFFFE2

 210200

 000000

 C58F41

 C58F41

 C5872D

 C59755

 C57F1A

 C59F68

 C57706

 C5A77C

 C57400

 C5AF90

 C5B7A4

 C5BFB7

 C5C7CB

 C5CFDF

 C5D8F2

# Harmonies

## Analogous

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



E27E5C



C58F41



9D9E3F

# Triad

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



C58F41



00AFAF



B984D8

# Complementary

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



C58F41



4177C5

# 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.



7696EF



C58F41



00ACD7

# Square

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



C58F41



06AE81



00A4EF



E076B1

# Rectangle

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



C58F41



7DA54D



00A4EF



A78AE2



# Sweetspot

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



C58F41



FFEACC



C54178



807361



000000



808080



# Same Dimension

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



C58F41



FFAC33



BAC541



635F5A



A36000



241500



# Inverse Universe

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



4177C5



3386FF



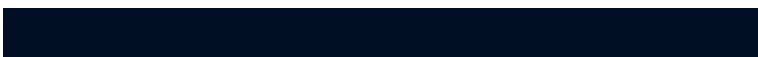
4C41C5



5A5E63



0043A3

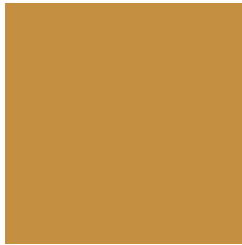


000F24



# Previews

## White Background



This preview shows how the Hex color C58F41 looks on a white background.

## Color Contrast Check

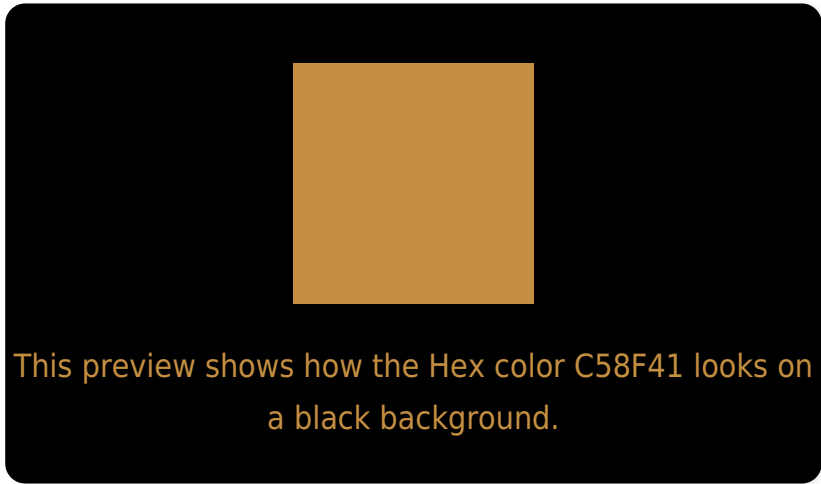
Large Text (above 18pt) WCAG AA × Fail

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

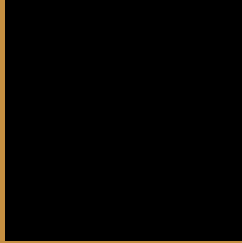
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C58F41 Background



This preview shows how black text looks on a background with the Hex color C58F41.

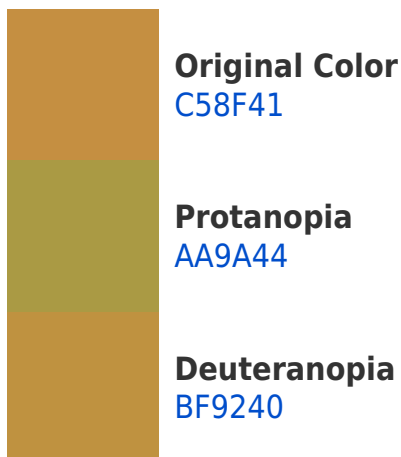



This preview shows how white text looks on a background with the Hex color C58F41.

# 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](#).

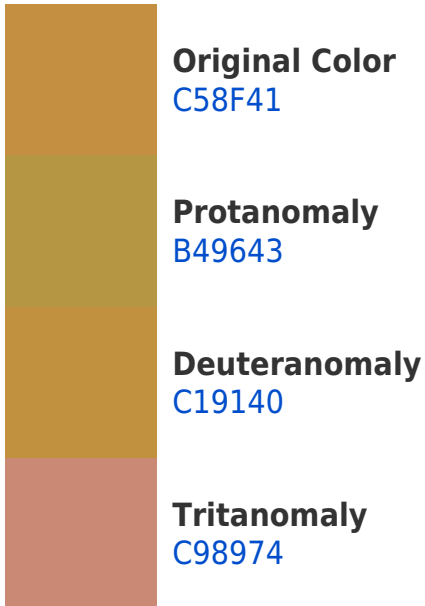
## Dichromacy





**Tritanopia**  
CB8691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C58F41 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 #C58F41 looks like.

```
.text, #text, p{  
    color:#C58F41  
}
```

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 #C58F41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C58F41
}
```

## Border

The CSS property to change the border of an element to Hex C58F41 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
#C58F41 }
```

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

```
.border{ border-color:#C58F41 }
```

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

Here you see how a box with a 4 pixel #C58F41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C58F41; -webkit-box-shadow:4px 4px  
4px 4px #C58F41; box-shadow:4px 4px 4px  
4px #C58F41 }
```

# Background

The CSS property to change the background color of an element to Hex C58F41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C58F41 }
```

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

```
.background{ background-color:#C58F41 }
```

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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