

Converting Colors

Hex(C58408)

Have a look what the booklet for
Hex(C58408) contains.

Hex(C58408)	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(C58408)

Conversions

Conversions Part 1

Format	Color
Hex	C58408
RGB	197, 132, 8
RGB Percent	77%, 52%, 3%
CMY	0.2275, 0.4824, 0.9686
CMYK	0.00, 0.33, 0.96, 0.23
HSL	39°, 92%, 40%
HSV	39°, 96%, 77%
XYZ	31.3211, 28.3904, 4.0588
YIQ	137.2990, 78.5440, -24.7840

Conversions

Conversions Part 2

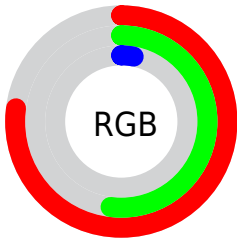
Format	Color
R_{YB}	107, 197, 8
Decimal	12944392
CIE _{Lab}	60.24, 16.74, 64.64
CIE _{LCh}	60, 66.770, 75.482
Yxy	28.3904, 0.4912, 0.4452
Android (android.graphics.Color)	4291134472 (0xFFC58408)
YUV	137.2990, -63.7444, 52.3578
Hunter-Lab	53.2826, 11.6828, 32.7814

Details

The Hex color **C58408** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **0849C5**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFB949**, and **895300** is the 20% darker color. If you saturate the color by 10%, you get **C58100**, and if you desaturate by 10%, it is **C58B1C**.

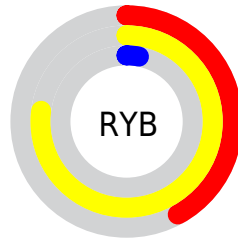
Distribution



Red (77%)

Green (52%)

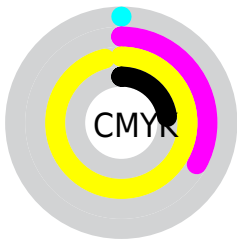
Blue (3%)



Red (42%)

Yellow (77%)

Blue (3%)

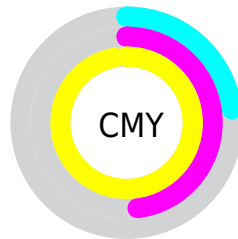


Cyan (0%)

Magenta (33%)

Yellow (96%)

Black (23%)



Cyan (23%)

Magenta (48%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color C58408 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 C58408 by changing the saturation by 10% instead.

 C58408

 C58408

FFFFFF

 A76B00

 FFB949

 895300

 FFD564

 6C3C00

 FFF17F

 502600

 FFFF9B

 351100

 FFFFFB7

 1F0001

 FFFFFD3

 000000

 FFFFF0

 C58408

 C58408

■ C58100

■ C58B1C

■ C5922F

■ C59843

■ C59F57

■ C5A66B

■ C5AD7E

■ C5B392

■ C5BAA6

■ C5C1B9

Harmonies

Analogous

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



EB6B3F



C58408



919800

Triad

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



C58408



00ADAF



BA73E4

Complementary

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



C58408



0849C5

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.



4F8EFF



C58408



00AAE4

Square

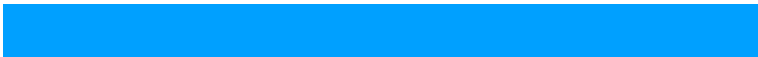
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C58408



00AB72



00A0FF



EC5AB0

Rectangle

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



C58408



66A125



00A0FF



A07DF2

Sweetspot

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



C58408



FFE6B5



C5084A



807053



000000



808080

Same Dimension

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



C58408



FFA700



A9C508



63605A



A36B00



241700

Inverse Universe

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



0849C5



0058FF



2408C5



5A5D63



0038A3



000C24

Previews

White Background



This preview shows how the Hex color C58408 looks on a white background.

Color Contrast Check

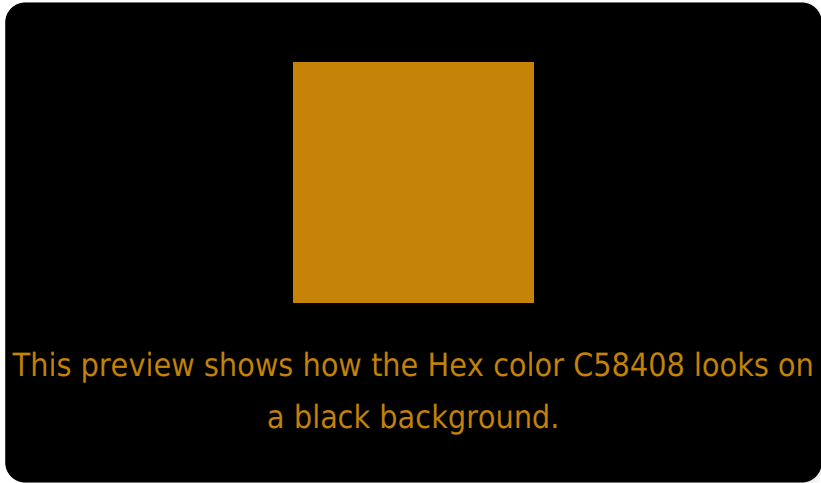
Large Text (above 18pt) WCAG AA ✓ Pass

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 C58408 Background



This preview shows how black text looks on a background with the Hex color C58408.



This preview shows how white text looks on a background with the Hex color C58408.

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
C58408

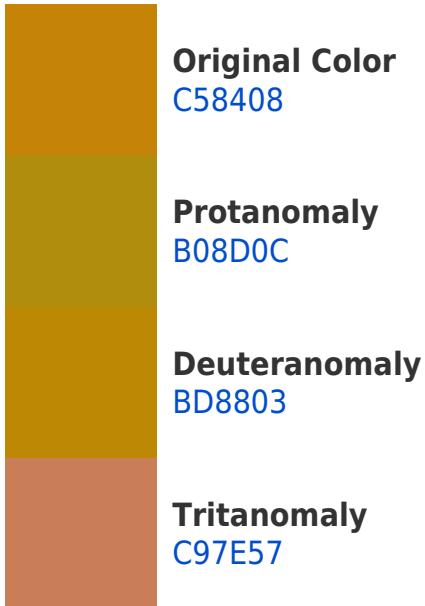
Protanopia
A4920F

Deuteranopia
B88A00

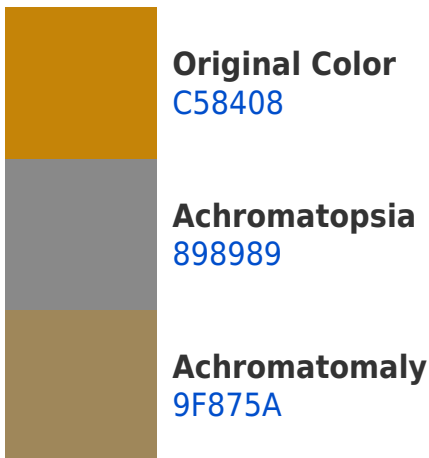


Tritanopia
CB7B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C58408 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 #C58408 looks like.

```
.text, #text, p{  
    color:#C58408  
}
```

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 #C58408 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C58408  
}
```

Border

The CSS property to change the border of an element to Hex C58408 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  
#C58408 }
```

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

```
.border{ border-color:#C58408 }
```

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

Here you see how a box with a 4 pixel #C58408 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C58408; -webkit-box-shadow:4px 4px  
4px 4px #C58408; box-shadow:4px 4px 4px  
4px #C58408 }
```

Background

The CSS property to change the background color of an element to Hex C58408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C58408 }
```

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

```
.background{ background-color:#C58408 }
```

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