

# Converting Colors

Hex(C88E04)

Have a look what the booklet for  
Hex(C88E04) contains.

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# **Color**

**Hex(C88E04)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C88E04
RGB	200, 142, 4
RGB Percent	78%, 56%, 2%
CMY	0.2157, 0.4431, 0.9843
CMYK	0.00, 0.29, 0.98, 0.22
HSL	42°, 96%, 40%
HSV	42°, 98%, 78%
XYZ	33.5143, 31.6341, 4.4545
YIQ	143.6100, 78.8660, -30.6220

# Conversions

## Conversions Part 2

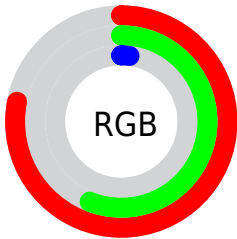
Format	Color
<a href="#">RYB</a>	86, 200, 4
Decimal	13143556
CIELab	63.04, 12.55, 67.36
CIELCh	63, 68.520, 79.445
Yxy	31.6341, 0.4815, 0.4545
Android (android.graphics.Color)	4291333636 (0xFFC88E04)
YUV	143.6100, -68.8277, 49.4540
Hunter-Lab	56.2442, 7.9357, 34.6753

# Details

The Hex color **C88E04** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **043EC8**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFC34A**, and **8C5C00** is the 20% darker color. If you saturate the color by 10%, you get **C88D00**, and if you desaturate by 10%, it is **C89418**.

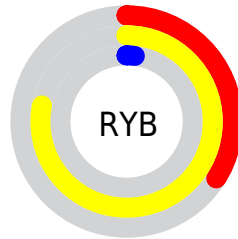
# Distribution



Red (78%)

Green (56%)

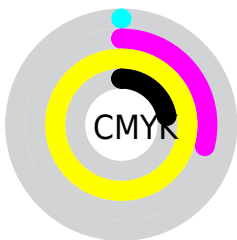
Blue (2%)



Red (34%)

Yellow (78%)

Blue (2%)

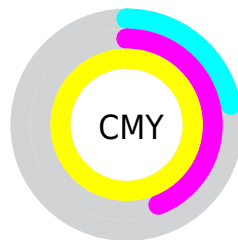


Cyan (0%)

Magenta (29%)

Yellow (98%)

Black (22%)



Cyan (22%)

Magenta (44%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C88E04 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 C88E04 by changing the saturation by 10% instead.



 C88E04

 C88E04

FFFFFF

 AA7500

 FFC34A

 8C5C00

 FFDF65

 704500

 FFFC81

 532F00

 FFFF9C

 391A00

 FFFFFB9

 210100

 FFFFFD5

 000000

 FFFFFF2

 C88E04

 C88E04

■ C88D00

■ C89418

■ C89A2C

■ C8A040

■ C8A654

■ C8AC68

■ C8B27C

■ C8B790

■ C8BDA4

■ C8C3B8

# Harmonies

## Analogous

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



F1743C



C88E04



90A107

# Triad

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



C88E04



00B5BF



CC76E9

# Complementary

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



C88E04



043EC8

# 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.



6B92FF



C88E04



00B1F4

# Square

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



C88E04



00B480



00A6FF



FB5EB1

# Rectangle

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



C88E04



62AA30



00A6FF



B37FF7



# Sweetspot

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



C88E04



FFE9B5



C8043F



807253



000000



808080



# Same Dimension

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



C88E04



FFB400



A1C804



63615A



A37300



241900



# Inverse Universe

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



043EC8



004BFF



2B04C8



5A5C63



0030A3

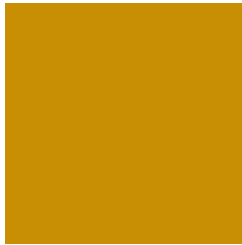


000B24



# Previews

## White Background



This preview shows how the Hex color C88E04 looks on a white background.

## Color Contrast Check

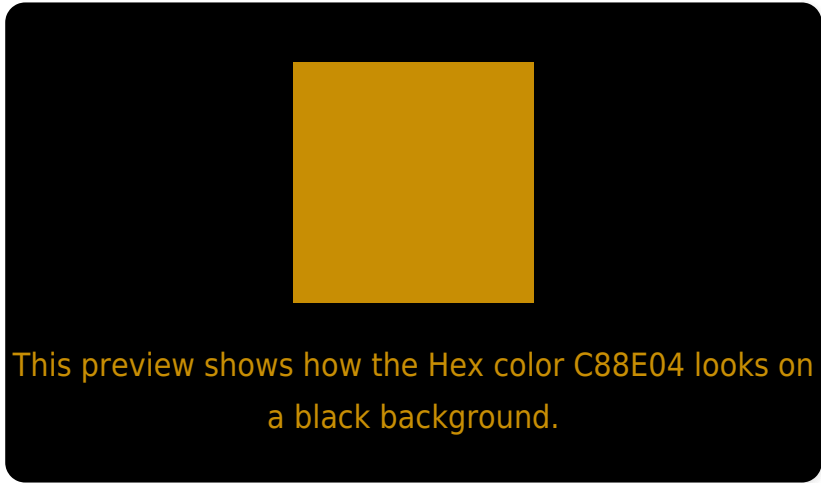
Large Text (above 18pt) WCAG AA × Fail

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 C88E04 Background



This preview shows how black text looks on a background with the Hex color C88E04.



This preview shows how white text looks on a background with the Hex color C88E04.

# 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**  
C88E04

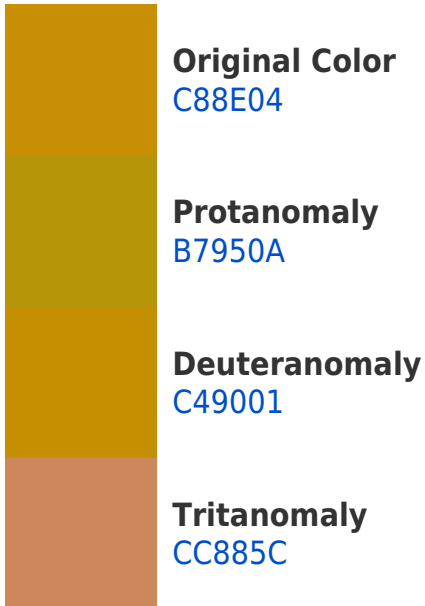
**Protanopia**  
AD990D

**Deuteranopia**  
C19100



**Tritanopia**  
CE848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C88E04 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 #C88E04 looks like.

```
.text, #text, p{  
    color:#C88E04  
}
```

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 #C88E04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C88E04
}
```

## Border

The CSS property to change the border of an element to Hex C88E04 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
#C88E04 }
```

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

```
.border{ border-color:#C88E04 }
```

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

Here you see how a box with a 4 pixel #C88E04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C88E04; -webkit-box-shadow:4px 4px  
4px 4px #C88E04; box-shadow:4px 4px 4px  
4px #C88E04 }
```

# Background

The CSS property to change the background color of an element to Hex C88E04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C88E04 }
```

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

```
.background{ background-color:#C88E04 }
```

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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