

# Converting Colors

Hex(C89134)

Have a look what the booklet for  
Hex(C89134) contains.

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**Color**

**Hex(C89134)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C89134
RGB	200, 145, 52
RGB Percent	78%, 57%, 20%
CMY	0.2157, 0.4314, 0.7961
CMYK	0.00, 0.28, 0.74, 0.22
HSL	38°, 59%, 49%
HSV	38°, 74%, 78%
XYZ	34.5646, 32.7781, 7.7539
YIQ	150.8430, 62.6330, -17.2630

# Conversions

## Conversions Part 2

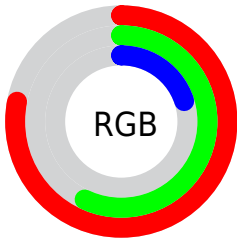
<b>Format</b>	<b>Color</b>
<b>RYB</b>	140, 200, 52
Decimal	13144372
CIELab	63.98, 12.15, 55.00
CIELCh	64, 56.324, 77.547
Yxy	32.7781, 0.4603, 0.4365
Android (android.graphics.Color)	4291334452 (0xFFC89134)
YUV	150.8430, -48.7296, 43.1107
Hunter-Lab	57.2522, 7.5739, 32.0467

# Details

The Hex color **C89134** 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 **346BC8**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFC768**, and **8E5F00** is the 20% darker color. If you saturate the color by 10%, you get **C88A20**, and if you desaturate by 10%, it is **C89848**.

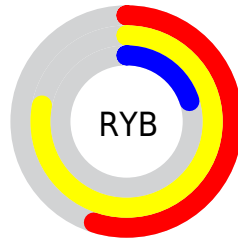
# Distribution



Red (78%)

Green (57%)

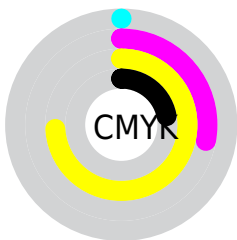
Blue (20%)



Red (55%)

Yellow (78%)

Blue (20%)

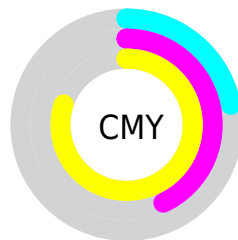


Cyan (0%)

Magenta (28%)

Yellow (74%)

Black (22%)



Cyan (22%)

Magenta (43%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C89134 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 C89134 by changing the saturation by 10% instead.



 C89134

 C89134

FFFFFF

 AA7718

 FFC768

 8E5F00

 FFE383

 714700

 FFFF9E

 553100

 FFFFBA

 3B1C00

 FFFFFD6

 230400

 FFFFFF3

 000000

 C89134

 C89134

 C88A20

 C89848

 C8820C

 C8A05C

 C87E00

 C8A770

 C8AF84

 C8B698

 C8BEAC

 C8C5C0

 C8CCD4

 C8D4E8

# Harmonies

## Analogous

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



E97D53



C89134



9AA134

# Triad

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



C89134



00B4B8



C381DF

# Complementary

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



C89134



346BC8

# 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.



7796FB



C89134



00B0E4

# Square

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



C89134



00B284



00A7FD



EC70B2

# Rectangle

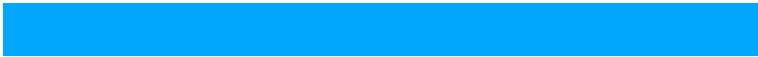
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C89134



75A947



00A7FD



AE88EB



# Sweetspot

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



C89134



FFEAC7



C8346D



80735E



000000



808080



# Same Dimension

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



C89134



FFAB1C



B7C834



63605A



A36700



241600



# Inverse Universe

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



346BC8



1C70FF



4534C8



5A5D63



003DA3



000D24



# Previews

## White Background



This preview shows how the Hex color C89134 looks on a white background.

## Color Contrast Check

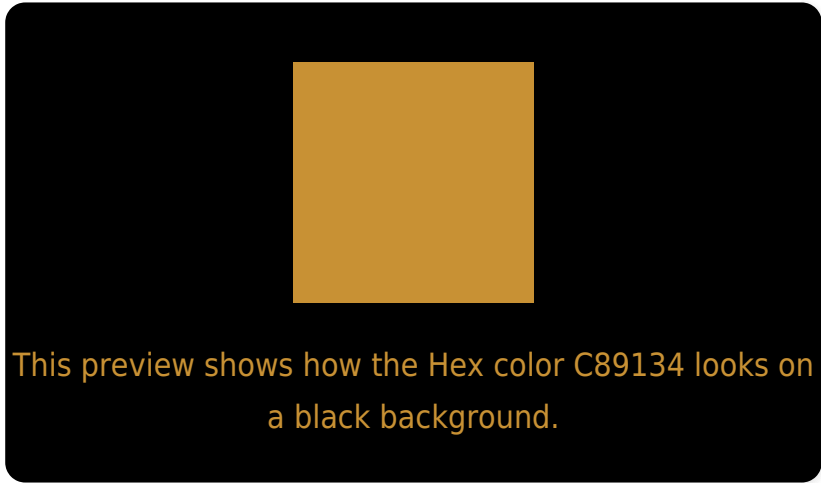
Large Text (above 18pt) WCAG AA × Fail

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

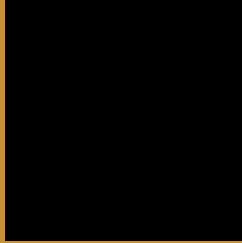
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C89134 Background



This preview shows how black text looks on a background with the Hex color C89134.



This preview shows how white text looks on a background with the Hex color C89134.

# 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

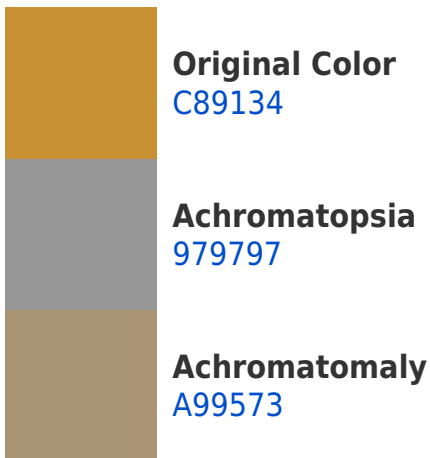




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C89134 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 #C89134 looks like.

```
.text, #text, p{  
    color:#C89134  
}
```

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 #C89134 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C89134
}
```

## Border

The CSS property to change the border of an element to Hex C89134 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
#C89134 }
```

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

```
.border{ border-color:#C89134 }
```

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

Here you see how a box with a 4 pixel #C89134 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C89134; -webkit-box-shadow:4px 4px  
4px 4px #C89134; box-shadow:4px 4px 4px  
4px #C89134 }
```

# Background

The CSS property to change the background color of an element to Hex C89134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C89134 }
```

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

```
.background{ background-color:#C89134 }
```

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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