

# Converting Colors

Hex(C87A11)

Have a look what the booklet for  
Hex(C87A11) contains.

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**Color**

**Hex(C87A11)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C87A11
RGB	200, 122, 17
RGB Percent	78%, 48%, 7%
CMY	0.2157, 0.5216, 0.9333
CMYK	0.00, 0.39, 0.92, 0.22
HSL	34°, 84%, 43%
HSV	34°, 92%, 78%
XYZ	30.8801, 26.2389, 3.9674
YIQ	133.3520, 80.1930, -16.1190

# Conversions

## Conversions Part 2

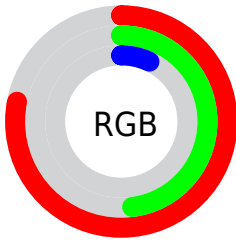
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 200, 17
Decimal	13138449
CIE <sub>Lab</sub>	58.26, 23.63, 61.74
CIE <sub>LCh</sub>	58, 66.103, 69.055
Yxy	26.2389, 0.5055, 0.4295
Android (android.graphics.Color)	4291328529 (0xFFC87A11)
YUV	133.3520, -57.3615, 58.4503
Hunter-Lab	51.2239, 17.9661, 31.2646

# Details

The Hex color **C87A11** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **115FC8**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FFAF4C**, and **8C4900** is the 20% darker color. If you saturate the color by 10%, you get **C87300**, and if you desaturate by 10%, it is **C88325**.

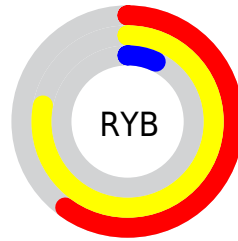
# Distribution



Red (78%)

Green (48%)

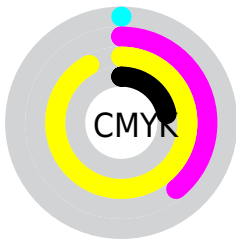
Blue (7%)



Red (60%)

Yellow (78%)

Blue (7%)

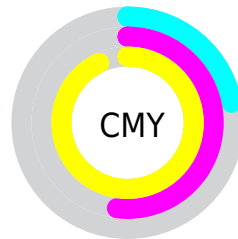


Cyan (0%)

Magenta (39%)

Yellow (92%)

Black (22%)



Cyan (22%)

Magenta (52%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C87A11 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 C87A11 by changing the saturation by 10% instead.



 C87A11

 C87A11

FFFFFF

 AA6100

 FFAF4C

 8C4900

 FFCA66

 6F3200

 FFE681

 521C00

 FFFF9C

 370500

 FFFFFB8

 1E0001

 FFFFFD5

 000000

 FFFFFF2

 C87A11

 C87A11

■ C87300

■ C88325

■ C88B39

■ C8944D

■ C89C61

■ C8A575

■ C8AD89

■ C8B69D

■ C8BEB1

■ C8C7C5

# Harmonies

## Analogous

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



E96146



C87A11



988F00

# Triad

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



C87A11



00A79D



A474E7

# Complementary

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



C87A11



115FC8

# 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.



008DFF



C87A11



00A5D4

# Square

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



C87A11



00A460



009DF8



DE5AB7

# Rectangle

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



C87A11



709913



009DF8



867DF2



# Sweetspot

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



C87A11



FFE2BA



C81160



806E57



000000



808080



# Same Dimension

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



C87A11



FF9200



BCC811



635F5A



A35E00



241400



# Inverse Universe

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



115FC8



006DFF



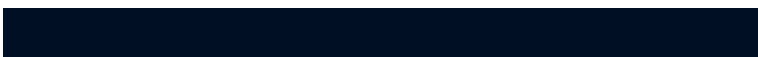
1D11C8



5A5E63



0046A3



000F24



# Previews

## White Background



This preview shows how the Hex color C87A11 looks on a white background.

## Color Contrast Check

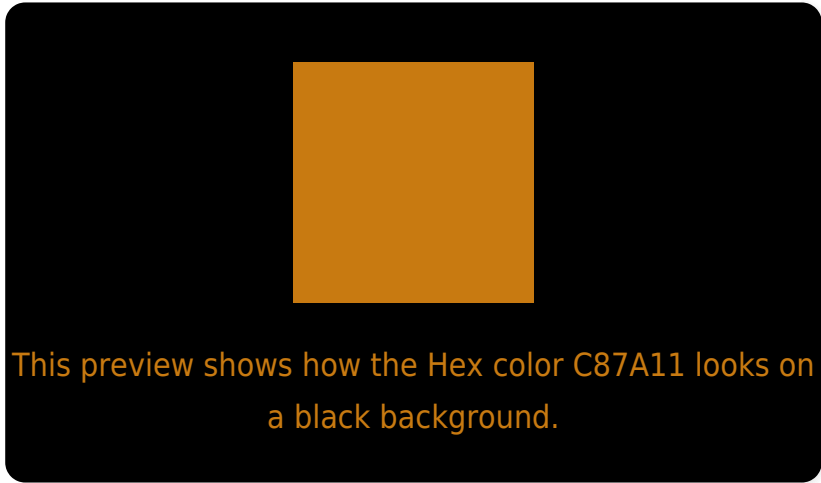
Large Text (above 18pt) WCAG AA ✓ Pass

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 C87A11 Background



This preview shows how black text looks on a background with the Hex color C87A11.



This preview shows how white text looks on a background with the Hex color C87A11.

# 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**  
C87A11

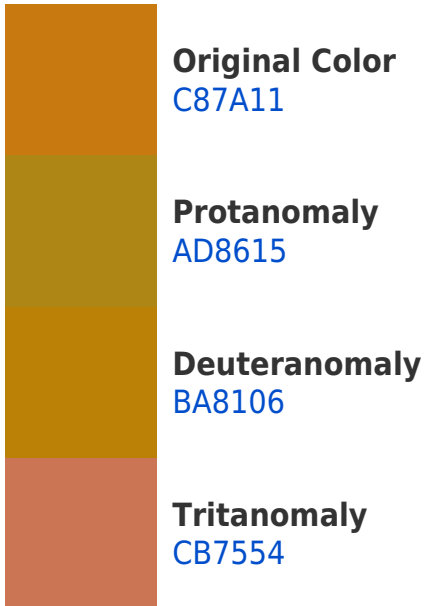
**Protanopia**  
9E8D17

**Deuteranopia**  
B28500

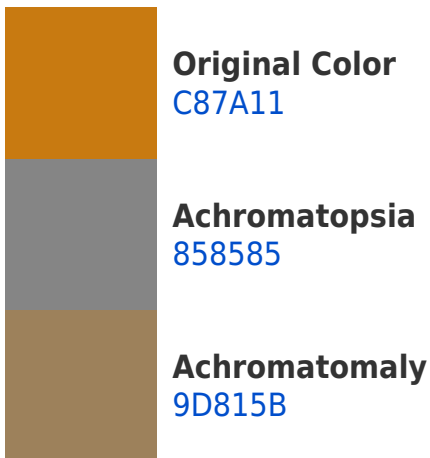


**Tritanopia**  
CD727A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C87A11 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 #C87A11 looks like.

```
.text, #text, p{  
    color:#C87A11  
}
```

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 #C87A11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C87A11
}
```

## Border

The CSS property to change the border of an element to Hex C87A11 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
#C87A11 }
```

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

```
.border{ border-color:#C87A11 }
```

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

Here you see how a box with a 4 pixel #C87A11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C87A11; -webkit-box-shadow:4px 4px  
4px 4px #C87A11; box-shadow:4px 4px 4px  
4px #C87A11 }
```

# Background

The CSS property to change the background color of an element to Hex C87A11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C87A11 }
```

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

```
.background{ background-color:#C87A11 }
```

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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