

Converting Colors

Hex(C87910)

Have a look what the booklet for
Hex(C87910) contains.

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Color

Hex(C87910)

Conversions

Conversions Part 1

Format	Color
Hex	C87910
RGB	200, 121, 16
RGB Percent	78%, 47%, 6%
CMY	0.2157, 0.5255, 0.9373
CMYK	0.00, 0.40, 0.92, 0.22
HSL	34°, 85%, 42%
HSV	34°, 92%, 78%
XYZ	30.7503, 25.9915, 3.8864
YIQ	132.6510, 80.7890, -15.9070

Conversions

Conversions Part 2

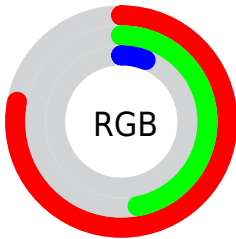
Format	Color
RYB	154, 200, 16
Decimal	13138192
CIELab	58.03, 24.16, 61.79
CIELCh	58, 66.340, 68.646
Yxy	25.9915, 0.5072, 0.4287
Android (android.graphics.Color)	4291328272 (0xFFC87910)
YUV	132.6510, -57.5089, 59.0651
Hunter-Lab	50.9819, 18.4461, 31.1676

Details

The Hex color **C87910** 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 **105FC8**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FFAE4B**, and **8C4800** is the 20% darker color. If you saturate the color by 10%, you get **C87200**, and if you desaturate by 10%, it is **C88224**.

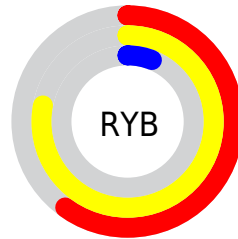
Distribution



Red (78%)

Green (47%)

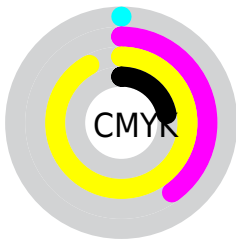
Blue (6%)



Red (60%)

Yellow (78%)

Blue (6%)

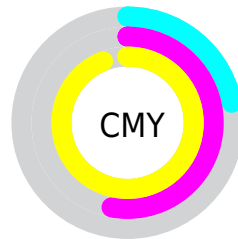


Cyan (0%)

Magenta (40%)

Yellow (92%)

Black (22%)



Cyan (22%)

Magenta (53%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color C87910 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 C87910 by changing the saturation by 10% instead.

 C87910

 C87910

FFFFFF

 AA6000

 FFAE4B

 8C4800

 FFC965

 6E3100

 FFE580

 521A00

 FFFF9C

 370400

 FFFFFB7

 1D0001

 FFFFFD4

 000000

 FFFFFF1

 C87910

 C87910

 C87200

 C88224

 C88A38

 C8934C

 C89B60

 C8A474

 C8AD88

 C8B59C

 C8BEB0

 C8C6C4

Harmonies

Analogous

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



E95F46



C87910



988E00

Triad

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



C87910



00A69B



A274E7

Complementary

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



C87910



105FC8

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



C87910



00A5D3

Square

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



C87910



00A35F



009DF8



DD59B7

Rectangle

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



C87910



709810



009DF8



847DF2

Sweetspot

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



C87910



FFE0B8



C81060



806D54



000000



808080

Same Dimension

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



C87910



FF9200



BCC810



635F5A



A35D00



241400

Inverse Universe

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



105FC8



006DFF



1C10C8



5A5E63



0046A3



000F24

Previews

White Background



This preview shows how the Hex color C87910 looks on a white background.

Color Contrast Check

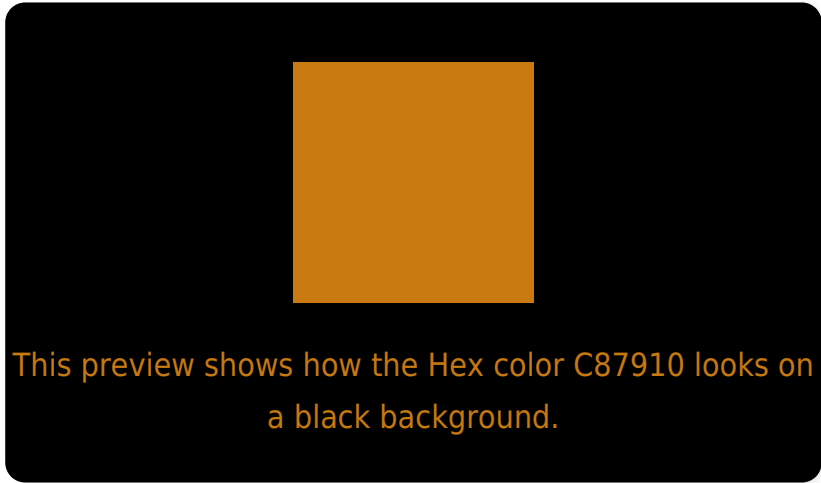
Large Text (above 18pt) WCAG AA ✓ Pass

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 C87910 Background



This preview shows how black text looks on a background with the Hex color C87910.



This preview shows how white text looks on a background with the Hex color C87910.

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

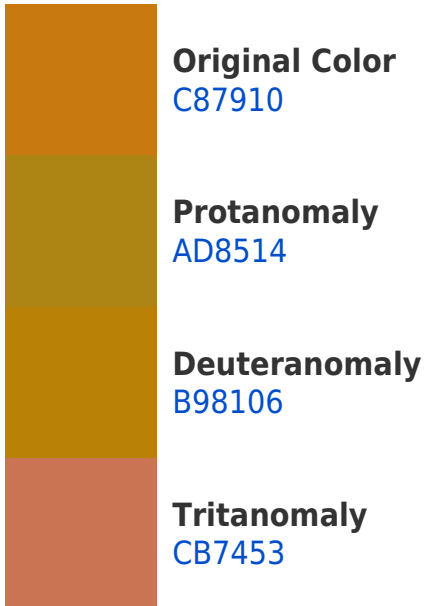


Original Color
C87910

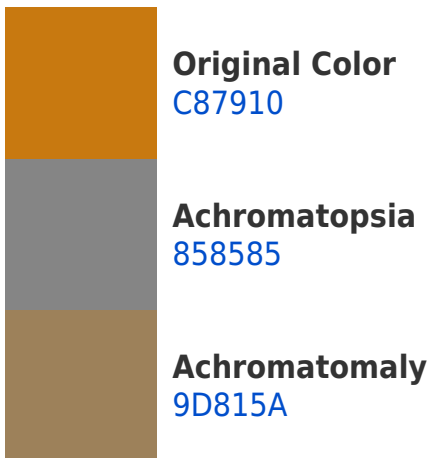
Protanopia
9E8C16

Deuteranopia
B18500

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C87910 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 #C87910 looks like.

```
.text, #text, p{  
    color:#C87910  
}
```

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 #C87910 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C87910
}
```

Border

The CSS property to change the border of an element to Hex C87910 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
#C87910 }
```

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

```
.border{ border-color:#C87910 }
```

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

Here you see how a box with a 4 pixel #C87910 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C87910; -webkit-box-shadow:4px 4px  
4px 4px #C87910; box-shadow:4px 4px 4px  
4px #C87910 }
```

Background

The CSS property to change the background color of an element to Hex C87910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C87910 }
```

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

```
.background{ background-color:#C87910 }
```

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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