

Converting Colors

Hex(C87E24)

Have a look what the booklet for
Hex(C87E24) contains.

Hex(C87E24)	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(C87E24)

Conversions

Conversions Part 1

Format	Color
Hex	C87E24
RGB	200, 126, 36
RGB Percent	78%, 49%, 14%
CMY	0.2157, 0.5059, 0.8588
CMYK	0.00, 0.37, 0.82, 0.22
HSL	33°, 69%, 46%
HSV	33°, 82%, 78%
XYZ	31.5987, 27.3284, 5.2785
YIQ	137.8660, 72.9940, -12.3020

Conversions

Conversions Part 2

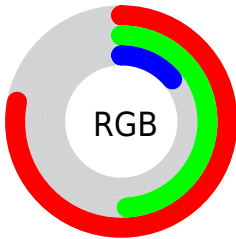
Format	Color
R_{YB}	171, 200, 36
Decimal	13139492
CIE _{Lab}	59.28, 21.91, 56.86
CIE _{LCh}	59, 60.936, 68.932
Yxy	27.3284, 0.4921, 0.4256
Android (android.graphics.Color)	4291329572 (0xFFC87E24)
YUV	137.8660, -50.2199, 54.4915
Hunter-Lab	52.2766, 16.4106, 30.6069

Details

The Hex color **C87E24** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **246EC8**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFB359**, and **8C4D00** is the 20% darker color. If you saturate the color by 10%, you get **C87510**, and if you desaturate by 10%, it is **C88738**.

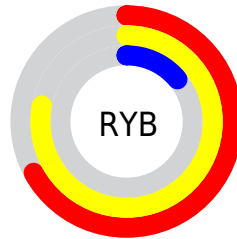
Distribution



Red (78%)

Green (49%)

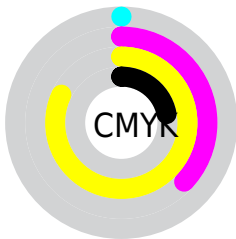
Blue (14%)



Red (67%)

Yellow (78%)

Blue (14%)

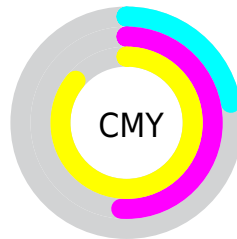


Cyan (0%)

Magenta (37%)

Yellow (82%)

Black (22%)



Cyan (22%)

Magenta (51%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color C87E24 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 C87E24 by changing the saturation by 10% instead.

 C87E24

 C87E24

FFFFFF

 AA6501

 FFB359

 8C4D00

 FFCE73

 703500

 FFE88E

 531F00

 FFFFFA9

 380A00

 FFFFC5

 210001

 FFFFE2

 000000

 C87E24

 C87E24

 C87510

 C88738

 C86E00

 C8904C

 C89960

 C8A274

 C8AB88

 C8B49C

 C8BDB0

 C8C6C4

 C8CFD8

Harmonies

Analogous

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



E6684E



C87E24



9B9112

Triad

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



C87E24



00A89E



A579E3

Complementary

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



C87E24



246EC8

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.



3290F9



C87E24



00A6D1

Square

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



C87E24



00A566



009FF2



DB63B6

Rectangle

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



C87E24



769B26



009FF2



8A81ED

Sweetspot

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



C87E24



FFE2BF



C82471



806E59



000000



808080

Same Dimension

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



C87E24



FF8E05



C3C824



635F5A



A35A00



241400

Inverse Universe

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



246EC8



0576FF



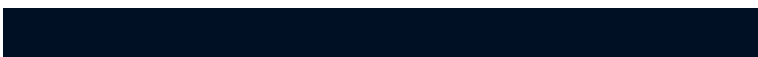
2924C8



5A5E63



004AA3



001024

Previews

White Background



This preview shows how the Hex color C87E24 looks on a white background.

Color Contrast Check

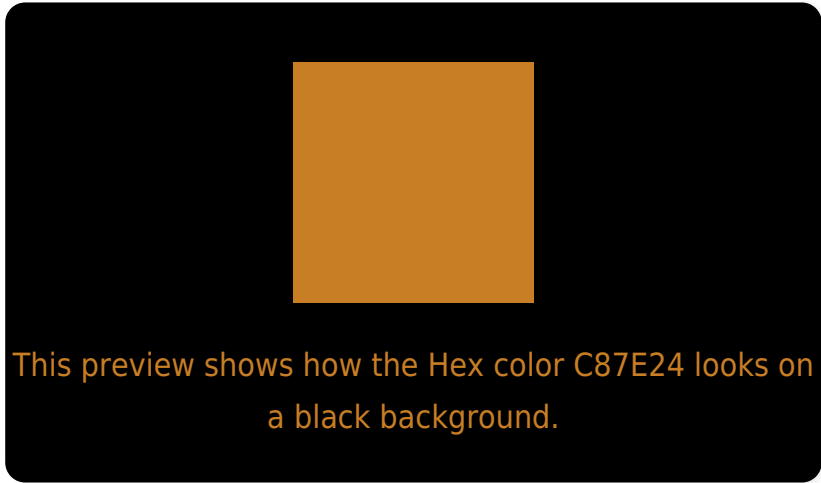
Large Text (above 18pt) WCAG AA ✓ Pass

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 C87E24 Background



This preview shows how black text looks on a background with the Hex color C87E24.

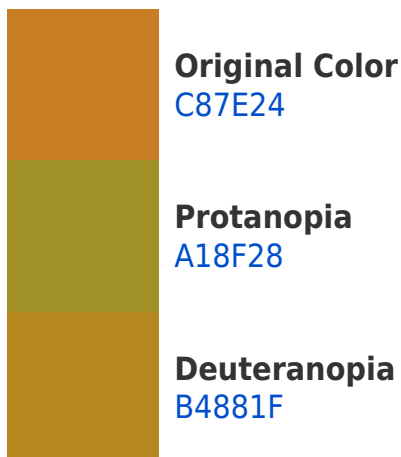


This preview shows how white text looks on a background with the Hex color C87E24.

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](#).

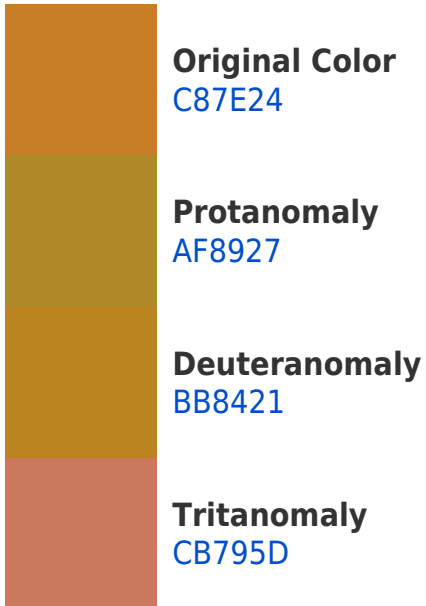
Dichromacy



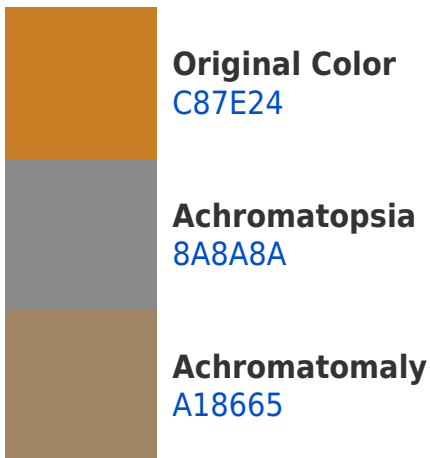


Tritanopia
CD767E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C87E24 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 #C87E24 looks like.

```
.text, #text, p{  
    color:#C87E24  
}
```

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 #C87E24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C87E24
}
```

Border

The CSS property to change the border of an element to Hex C87E24 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
#C87E24 }
```

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

```
.border{ border-color:#C87E24 }
```

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

Here you see how a box with a 4 pixel #C87E24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C87E24; -webkit-box-shadow:4px 4px  
4px 4px #C87E24; box-shadow:4px 4px 4px  
4px #C87E24 }
```

Background

The CSS property to change the background color of an element to Hex C87E24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C87E24 }
```

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

```
.background{ background-color:#C87E24 }
```

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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