

Converting Colors

Hex(C87444)

Have a look what the booklet for
Hex(C87444) contains.

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Color

Hex(C87444)

Conversions

Conversions Part 1

Format	Color
Hex	C87444
RGB	200, 116, 68
RGB Percent	78%, 45%, 27%
CMY	0.2157, 0.5451, 0.7333
CMYK	0.00, 0.42, 0.66, 0.22
HSL	22°, 55%, 53%
HSV	22°, 66%, 78%
XYZ	31.1082, 25.1875, 8.6909
YIQ	135.6440, 65.4720, 2.8800

Conversions

Conversions Part 2

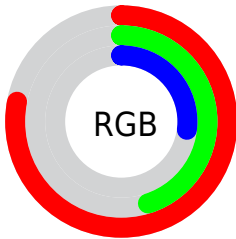
Format	Color
R_{YB}	200, 143, 68
Decimal	13136964
CIE _{Lab}	57.26, 28.81, 40.19
CIE _{LCh}	57, 49.452, 54.370
Yxy	25.1875, 0.4787, 0.3876
Android (android.graphics.Color)	4291327044 (0xFFC87444)
YUV	135.6440, -33.3485, 56.4402
Hunter-Lab	50.1871, 22.8146, 24.8637

Details

The Hex color **C87444** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4498C8**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FFA976**, and **8D4215** is the 20% darker color. If you saturate the color by 10%, you get **C86730**, and if you desaturate by 10%, it is **C88158**.

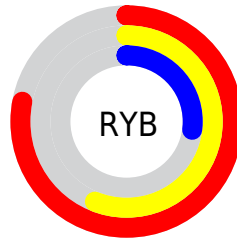
Distribution



Red (78%)

Green (45%)

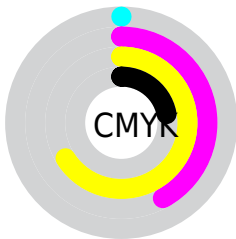
Blue (27%)



Red (78%)

Yellow (56%)

Blue (27%)

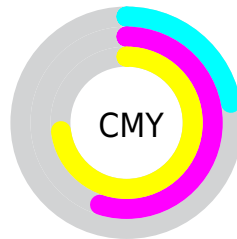


Cyan (0%)

Magenta (42%)

Yellow (66%)

Black (22%)



Cyan (22%)

Magenta (55%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color C87444 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 C87444 by changing the saturation by 10% instead.

 C87444

 C87444


FFFFFF

 AA5B2C

 FFA976

 8D4215

 FFC490

 712B00

 FFE0AB

 541300

 FFFDC6

 390000

 FFFFFE2

 1F0001

 000000

 C87444

 C87444

 C86730

 C88158

 C85B1C

 C88D6C

 C84E08

 C89A80

 C84900

 C8A794

 C8B4A8

 C8C0BC

 C8CDD0

 C8DAE4

 C8E7F8

Harmonies

Analogous

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



D86668



C87444



A8842F

Triad

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



C87444



009E80



7E81D8

Complementary

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



C87444



4498C8

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.



0091DF



C87444



009EAC

Square

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



C87444



489A55



009ACF



B770BC

Rectangle

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



C87444



8E8E30



009ACF



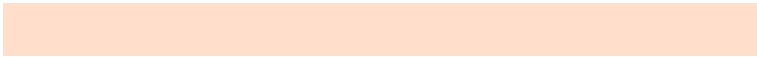
6387DD

Sweetspot

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



C87444



FFDFCC



C8449A



806C61



000000



808080

Same Dimension

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



C87444



FF7F36



C8B444



635D5A



A33B00



240D00

Inverse Universe

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



4498C8



36B6FF



4458C8



5A6063



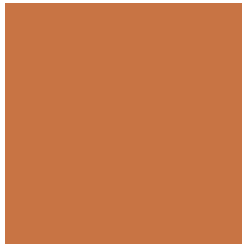
0068A3



001724

Previews

White Background



This preview shows how the Hex color C87444 looks on a white background.

Color Contrast Check

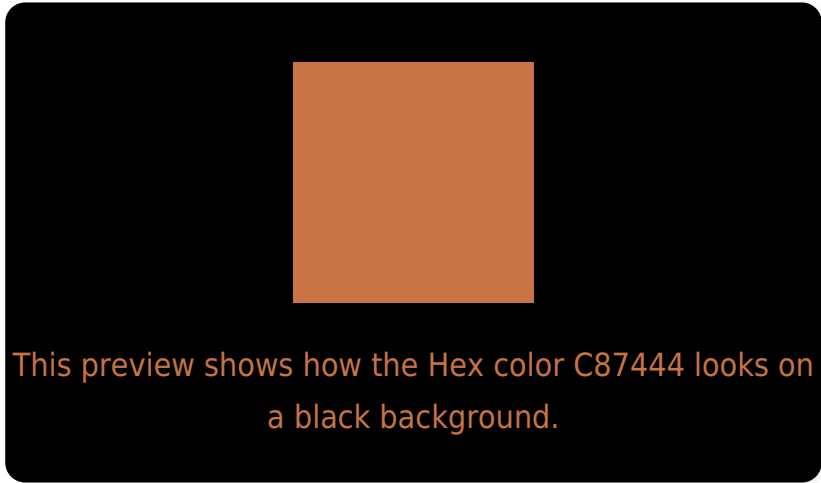
Large Text (above 18pt) WCAG AA ✓ Pass

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

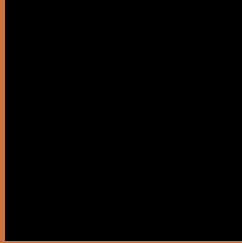
Any Text WCAG AA ✓ Pass

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 C87444 Background



This preview shows how black text looks on a background with the Hex color C87444.

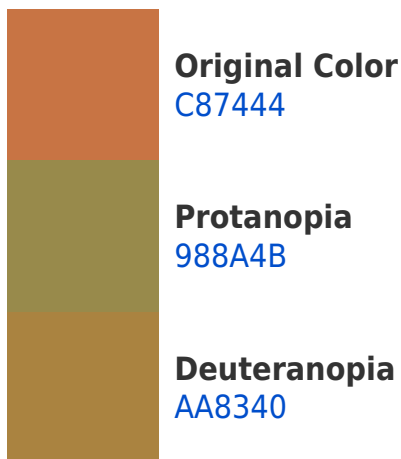


This preview shows how white text looks on a background with the Hex color C87444.

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
CB6E76

Trichromacy



Original Color
C87444

Protanomaly
A98248

Deuteranomaly
B57E41

Tritanomaly
CA7064

Monochromacy



Original Color
C87444

Achromatopsia
888888

Achromatomaly
9F816F

CSS Examples

Text

The CSS property to change the color of the text to Hex C87444 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 #C87444 looks like.

```
.text, #text, p{  
    color:#C87444  
}
```

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 #C87444 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C87444
}
```

Border

The CSS property to change the border of an element to Hex C87444 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
#C87444 }
```

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

```
.border{ border-color:#C87444 }
```

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

Here you see how a box with a 4 pixel #C87444 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C87444; -webkit-box-shadow:4px 4px  
4px 4px #C87444; box-shadow:4px 4px 4px  
4px #C87444 }
```

Background

The CSS property to change the background color of an element to Hex C87444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C87444 }
```

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

```
.background{ background-color:#C87444 }
```

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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