

Converting Colors

Hex(CB8417)

Have a look what the booklet for
Hex(CB8417) contains.

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Color

Hex(CB8417)

Conversions

Conversions Part 1

Format	Color
Hex	CB8417
RGB	203, 132, 23
RGB Percent	80%, 52%, 9%
CMY	0.2039, 0.4824, 0.9098
CMYK	0.00, 0.35, 0.89, 0.20
HSL	36°, 80%, 44%
HSV	36°, 89%, 80%
XYZ	33.0345, 29.2609, 4.7174
YIQ	140.8030, 77.3050, -18.8470

Conversions

Conversions Part 2

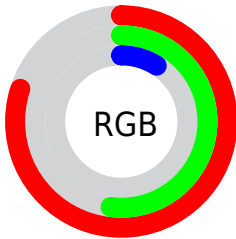
Format	Color
R_{YB}	140, 203, 23
Decimal	13337623
CIE Lab	61.01, 19.60, 62.53
CIE LCh	61, 65.533, 72.598
Yxy	29.2609, 0.4930, 0.4366
Android (android.graphics.Color)	4291527703 (0xFFCB8417)
YUV	140.8030, -58.0769, 54.5468
Hunter-Lab	54.0933, 14.3457, 32.6947

Details

The Hex color **CB8417** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **175ECB**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFB951**, and **8F5200** is the 20% darker color. If you saturate the color by 10%, you get **CB7C03**, and if you desaturate by 10%, it is **CB8C2B**.

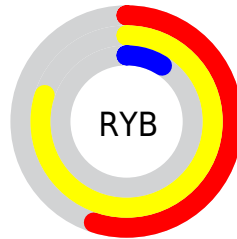
Distribution



Red (80%)

Green (52%)

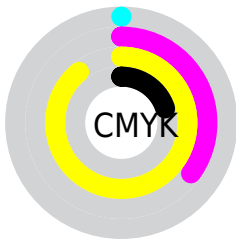
Blue (9%)



Red (55%)

Yellow (80%)

Blue (9%)

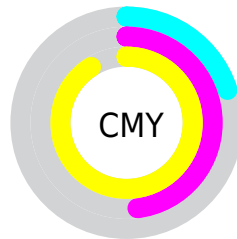


Cyan (0%)

Magenta (35%)

Yellow (89%)

Black (20%)



Cyan (20%)

Magenta (48%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB8417 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 CB8417 by changing the saturation by 10% instead.

 CB8417

 CB8417

FFFFFF

 AD6B00

 FFB951

 8F5200

 FFD56B

 723B00

 FFF186

 552500

 FFFFA2

 3A1000

 FFFFBE

 240000

 FFFFDA

 000000

 FFFFF8

 CB8417

 CB8417

 CB7C03

 CB8C2B

 CB7B00

 CB9440

 CB9C54

 CBA468

 CBAC7D

 CBB491

 CBBCA5

 CBC4B9

 CBCCCCE

Harmonies

Analogous

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



EE6B47



CB8417



999803

Triad

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



CB8417



00AEAB



B579E9

Complementary

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



CB8417



175ECB

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.



4392FF



CB8417



00ACE1

Square

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



CB8417



00AC6E



00A3FF



EA60B7

Rectangle

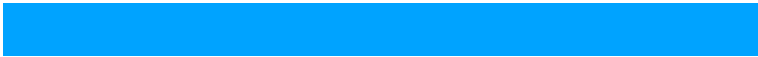
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CB8417



70A225



00A3FF



9982F5

Sweetspot

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



CB8417



FFE4BA



CB175F



806F57



000000



808080

Same Dimension

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



CB8417



FF9A00



B9CB17



66625C



A66400



261700

Inverse Universe

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



175ECB



0065FF



2917CB



5C6066



0041A6



000F26

Previews

White Background



This preview shows how the Hex color CB8417 looks on a white background.

Color Contrast Check

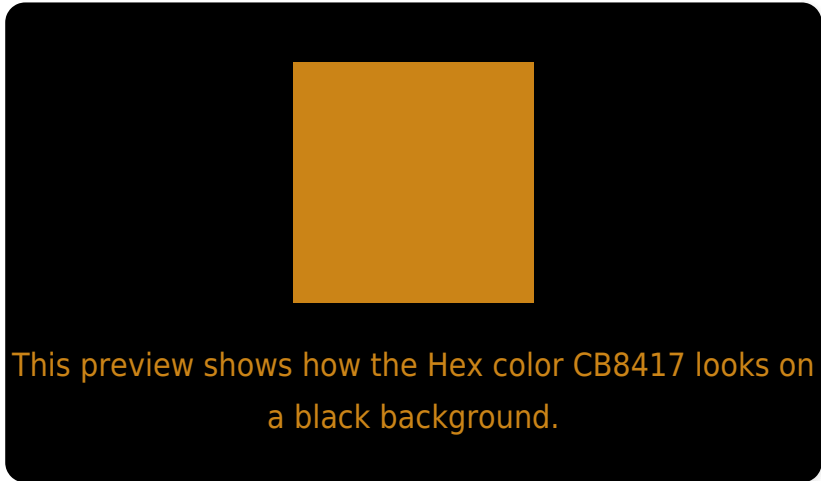
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB8417 Background



This preview shows how black text looks on a background with the Hex color CB8417.



This preview shows how white text looks on a background with the Hex color CB8417.

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
CB8417

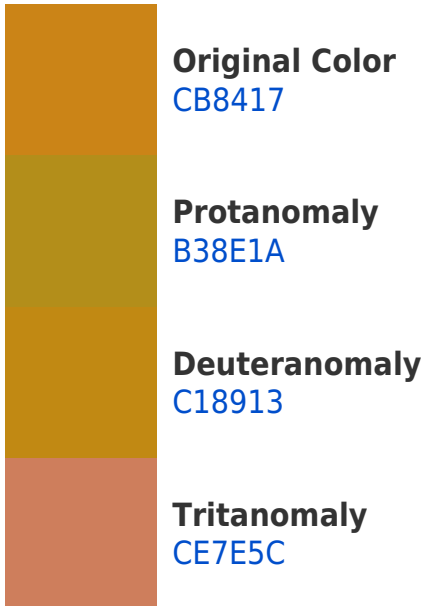
Protanopia
A6941C

Deuteranopia
BB8C10



Tritanopia
D07B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB8417 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 #CB8417 looks like.

```
.text, #text, p{  
    color:#CB8417  
}
```

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 #CB8417 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB8417
}
```

Border

The CSS property to change the border of an element to Hex CB8417 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
#CB8417 }
```

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

```
.border{ border-color:#CB8417 }
```

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

Here you see how a box with a 4 pixel #CB8417 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB8417; -webkit-box-shadow:4px 4px  
4px 4px #CB8417; box-shadow:4px 4px 4px  
4px #CB8417 }
```

Background

The CSS property to change the background color of an element to Hex CB8417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB8417 }
```

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

```
.background{ background-color:#CB8417 }
```

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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