

Converting Colors

Hex(CB4645)

Have a look what the booklet for
Hex(CB4645) contains.

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Color

Hex(CB4645)

Conversions

Conversions Part 1

Format	Color
Hex	CB4645
RGB	203, 70, 69
RGB Percent	80%, 27%, 27%
CMY	0.2039, 0.7255, 0.7294
CMYK	0.00, 0.66, 0.66, 0.20
HSL	0°, 56%, 53%
HSV	0°, 66%, 80%
XYZ	27.8929, 17.5065, 7.5392
YIQ	109.6530, 79.5890, 27.8850

Conversions

Conversions Part 2

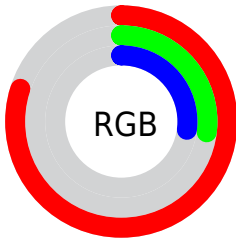
Format	Color
R_{YB}	203, 70, 69
Decimal	13321797
CIE Lab	48.89, 52.56, 29.76
CIE LCh	49, 60.399, 29.515
Yxy	17.5065, 0.5269, 0.3307
Android (android.graphics.Color)	4291511877 (0xFFCB4645)
YUV	109.6530, -20.0419, 81.8653
Hunter-Lab	41.8408, 45.7748, 18.6052

Details

The Hex color **CB4645** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **45CACB**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF7D75**, and **8E001A** is the 20% darker color. If you saturate the color by 10%, you get **CB3231**, and if you desaturate by 10%, it is **CB5A59**.

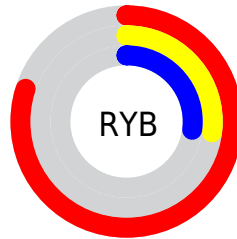
Distribution



Red (80%)

Green (27%)

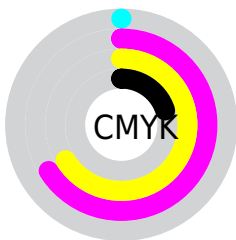
Blue (27%)



Red (80%)

Yellow (27%)

Blue (27%)

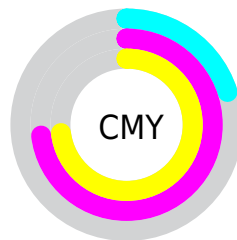


Cyan (0%)

Magenta (66%)

Yellow (66%)

Black (20%)



Cyan (20%)

Magenta (73%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB4645 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 CB4645 by changing the saturation by 10% instead.

 CB4645

 CB4645

FFFFFF

 AC292F

 FF7D75

 8E001A

 FF988F

 700000

 FFB5AA

 530000

 FFD1C5

 380002

 FFEED1

 0C0000

FFFFFFE

 000000

 CB4645

 CB4645

 CB3231

 CB5A59

 CB1E1C

 CB6E6E

 CB0A08

 CB8282

 CB0200

 CB9796

 CBABAB

 CBBFBF

 CBD3D3

 CBE7E7

 CBFBFC

Harmonies

Analogous

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



CC3D77



CB4645



B35D16

Triad

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



CB4645



00883D



007BDB

Complementary

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



CB4645



45CACB

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.



0086CC



CB4645



008B72

Square

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



CB4645



5A8003



008BA5



6F67CE

Rectangle

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



CB4645



9B6B00



008BA5



007FD9

Sweetspot

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



CB4645



FFCCCC



CB45CB



806161



000000



808080

Same Dimension

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



CB4645



FF3736



CB8845



665C5C



A60100



260000

Inverse Universe

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



45CACB



36FDFF



4588CB



5C6666



00A5A6



002626

Previews

White Background



This preview shows how the Hex color CB4645 looks on a white background.

Color Contrast Check

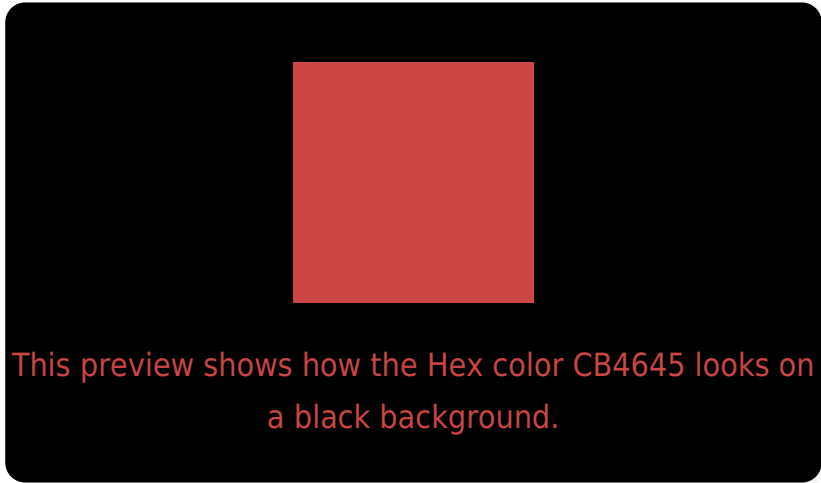
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 CB4645 Background



This preview shows how black text looks on a background with the Hex color CB4645.

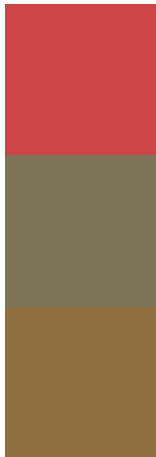


This preview shows how white text looks on a background with the Hex color CB4645.

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

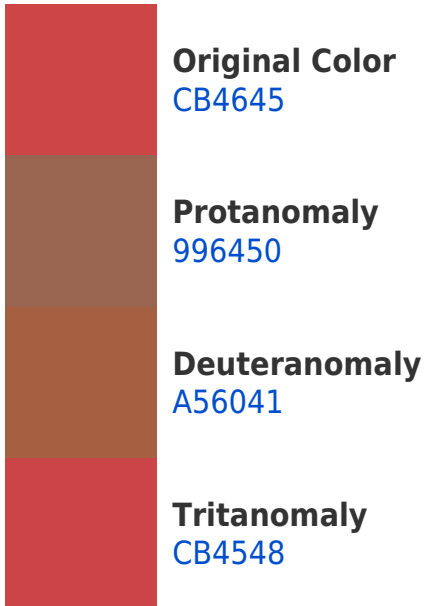


Original Color
CB4645

Protanopia
7D7557

Deuteranopia
8F6F3E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB4645 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 #CB4645 looks like.

```
.text, #text, p{  
    color:#CB4645  
}
```

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 #CB4645 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB4645
}
```

Border

The CSS property to change the border of an element to Hex CB4645 is called "border". The border property can be set on classes, ids or directly on the HTML element.

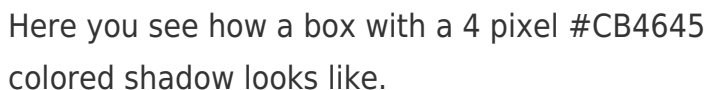
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB4645 }
```

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

```
.border{ border-color:#CB4645 }
```

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



Here you see how a box with a 4 pixel `#CB4645` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB4645; -webkit-box-shadow:4px 4px  
4px 4px #CB4645; box-shadow:4px 4px 4px  
4px #CB4645 }
```

Background

The CSS property to change the background color of an element to Hex CB4645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB4645 }
```

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

```
.background{ background-color:#CB4645 }
```

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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