

Converting Colors

Hex(CB5046)

Have a look what the booklet for
Hex(CB5046) contains.

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Color

Hex(CB5046)

Conversions

Conversions Part 1

Format	Color
Hex	CB5046
RGB	203, 80, 70
RGB Percent	80%, 31%, 27%
CMY	0.2039, 0.6863, 0.7255
CMYK	0.00, 0.61, 0.66, 0.20
HSL	5°, 56%, 54%
HSV	5°, 66%, 80%
XYZ	28.6028, 18.8760, 7.9303
YIQ	115.6370, 76.5180, 22.9660

Conversions

Conversions Part 2

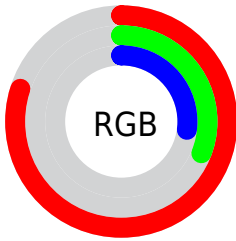
Format	Color
RYB	203, 81, 70
Decimal	13324358
CIELab	50.54, 48.24, 31.20
CIELCh	51, 57.457, 32.895
Yxy	18.8760, 0.5162, 0.3407
Android (android.graphics.Color)	4291514438 (0xFFCB5046)
YUV	115.6370, -22.4990, 76.6174
Hunter-Lab	43.4466, 41.4828, 19.5904

Details

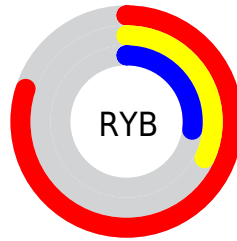
The Hex color **CB5046** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **46C1CB**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF8677**, and **8E161A** is the 20% darker color. If you saturate the color by 10%, you get **CB3D32**, and if you desaturate by 10%, it is **CB635A**.

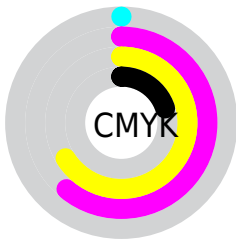
Distribution



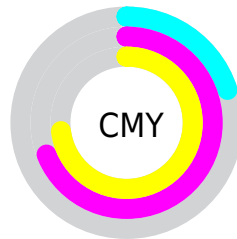
- Red (80%)
- Green (31%)
- Blue (27%)



- Red (80%)
- Yellow (32%)
- Blue (27%)



- Cyan (0%)
- Magenta (61%)
- Yellow (66%)
- Black (20%)



- Cyan (20%)
- Magenta (69%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB5046 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 CB5046 by changing the saturation by 10% instead.

 CB5046

 CB5046

FFFFFF

 AD352F

 FF8677

 8E161A

 FFA190

 710001

 FFBDA8

 540000

 FFDAC6

 390002

 FFF7E2

 120000

 000000

 CB5046

 CB5046

 CB3D32

 CB635A

 CB2A1D

 CB766F

 CB1809

 CB8883

 CB0F00

 CB9B97

 CBAEAC

 CBC1C0

 CBD3D4

 CBE6E8

 CBF9FD

Harmonies

Analogous

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



CE4676



CB5046



B2651C

Triad

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



CB5046



008C49



007DDB

Complementary

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



CB5046



46C1CB

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.



0089CF



CB5046



008F7C

Square

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



CB5046



5A851B



008EAC



7E69CB

Rectangle

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



CB5046



9A7200



008EAC



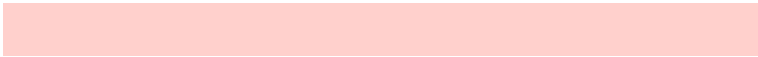
0082DA

Sweetspot

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



CB5046



FFD0CC



CB46C2



806361



000000



808080

Same Dimension

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



CB5046



FF4536



CB9146



665D5C



A60C00



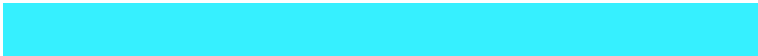
260300

Inverse Universe

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



46C1CB



36F0FF



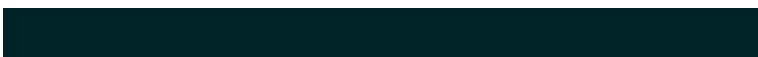
4680CB



5C6566



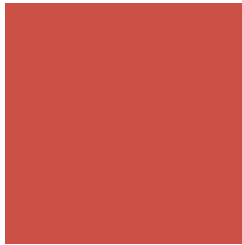
0099A6



002326

Previews

White Background



This preview shows how the Hex color CB5046 looks on a white background.

Color Contrast Check

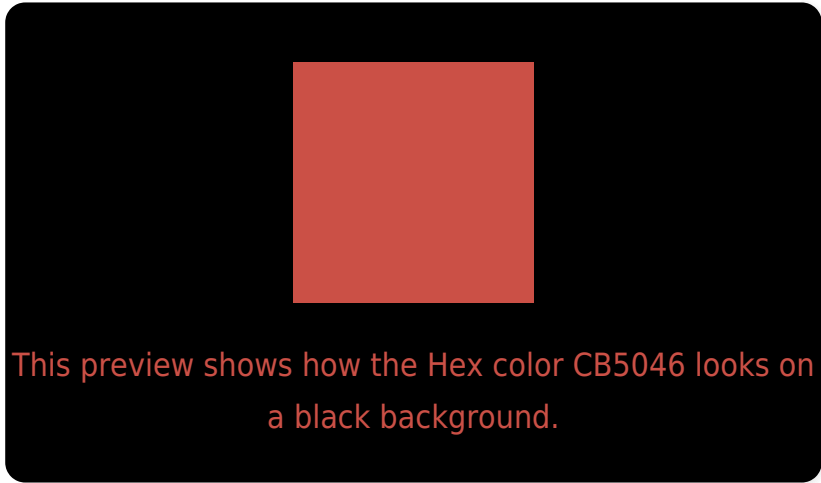
Large Text (above 18pt) WCAG AA ✓ Pass

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

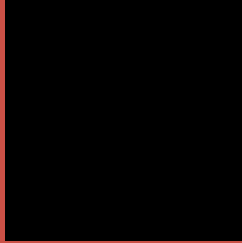
Any Text WCAG AA ✓ Pass

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 CB5046 Background



This preview shows how black text looks on a background with the Hex color CB5046.



This preview shows how white text looks on a background with the Hex color CB5046.

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



Trichromacy



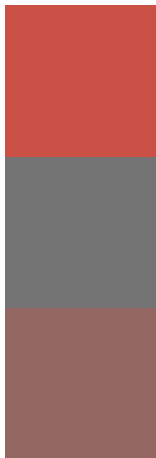
Original Color
CB5046

Protanomaly
9D6A50

Deuteranomaly
A86642

Tritanomaly
CC4F4E

Monochromacy



Original Color
CB5046

Achromatopsia
747474

Achromatomaly
946763

CSS Examples

Text

The CSS property to change the color of the text to Hex CB5046 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 #CB5046 looks like.

```
.text, #text, p{  
    color:#CB5046  
}
```

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 #CB5046 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB5046  
}
```

Border

The CSS property to change the border of an element to Hex CB5046 is called "border". The border property can be set on classes, ids or directly on the HTML element.

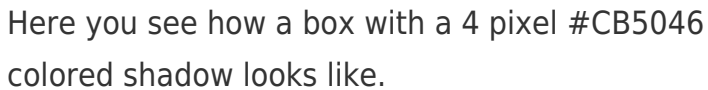
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#CB5046 }
```

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

```
.border{ border-color:#CB5046 }
```

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



Here you see how a box with a 4 pixel `#CB5046` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB5046; -webkit-box-shadow:4px 4px  
4px 4px #CB5046; box-shadow:4px 4px 4px  
4px #CB5046 }
```

Background

The CSS property to change the background color of an element to Hex CB5046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB5046 }
```

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

```
.background{ background-color:#CB5046 }
```

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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