

# Converting Colors

Hex(CD4D1B)

Have a look what the booklet for  
Hex(CD4D1B) contains.

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# Color

**Hex(CD4D1B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CD4D1B
RGB	205, 77, 27
RGB Percent	80%, 30%, 11%
CMY	0.1961, 0.6980, 0.8941
CMYK	0.00, 0.62, 0.87, 0.20
HSL	17°, 77%, 45%
HSV	17°, 87%, 80%
XYZ	28.0285, 18.3660, 3.1046
YIQ	109.5720, 92.3380, 11.5860

# Conversions

## Conversions Part 2

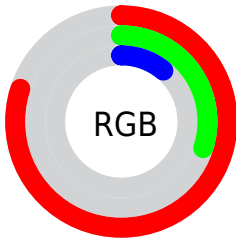
Format	Color
<a href="#">RYB</a>	<a href="#">205, 97, 27</a>
Decimal	<a href="#">13454619</a>
CIELab	<a href="#">49.94, 48.59, 52.58</a>
CIELCh	<a href="#">50, 71.599, 47.258</a>
Yxy	<a href="#">18.3660, 0.5662, 0.3710</a>
Android (android.graphics.Color)	<a href="#">4291644699 (0xFFCD4D1B)</a>
YUV	<a href="#">109.5720, -40.7080, 83.6904</a>
Hunter-Lab	<a href="#">42.8556, 41.7458, 25.7037</a>

# Details

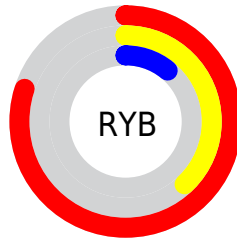
The Hex color **CD4D1B** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **1B9BCD**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF834D**, and **8F1200** is the 20% darker color. If you saturate the color by 10%, you get **CD3E06**, and if you desaturate by 10%, it is **CD5C2F**.

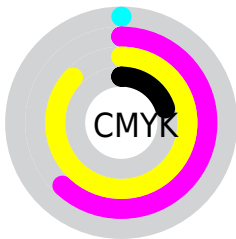
# Distribution



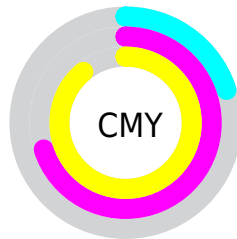
- Red (80%)
- Green (30%)
- Blue (11%)



- Red (80%)
- Yellow (38%)
- Blue (11%)



- Cyan (0%)
- Magenta (62%)
- Yellow (87%)
- Black (20%)



- Cyan (20%)
- Magenta (70%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD4D1B 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 CD4D1B by changing the saturation by 10% instead.



 CD4D1B

 CD4D1B

FFFFFF

 AE3200

 FF834D

 8F1200

 FF9E66

 700000

 FFBA80

 520000

 FFD79B

 380002

 FFF4B6

 0D0000

 FFFFFD2

 000000

 FFFFFEF

 CD4D1B

 CD4D1B

CD3E06

CD5C2F

CD3A00

CD6A44

CD7958

CD886D

CD9782

CDA596

CDB4AB

CDC3BF

CDD2D3

# Harmonies

## Analogous

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



E02D57



CD4D1B



A56B00

# Triad

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



CD4D1B



00905A



1A72EC

# Complementary

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



CD4D1B



1B9BCD

# 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.



0086EF



CD4D1B



009199

# Square

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



CD4D1B



108A15



008FD0



A453CA

# Rectangle

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



CD4D1B



837900



008FD0



007AF1



# Sweetspot

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



CD4D1B



FFCFBD



CD1B9E



806358



000000



808080



# Same Dimension

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



CD4D1B



FF4800



CDA31B



665F5C



A62F00



260B00

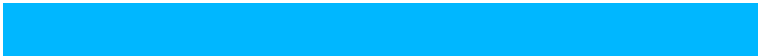


# Inverse Universe

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



1B9BCD



00B7FF



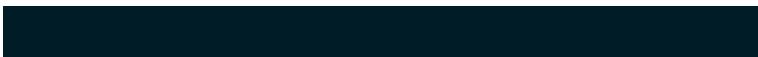
1B45CD



5C6366



0077A6



001C26



# Previews

## White Background



This preview shows how the Hex color CD4D1B looks on a white background.

## Color Contrast Check

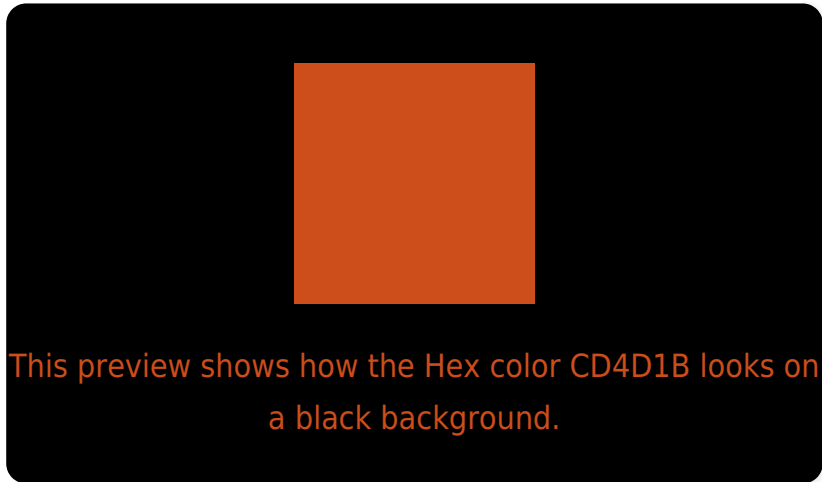
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD4D1B Background



This preview shows how black text looks on a background with the Hex color CD4D1B.



This preview shows how white text looks on a background with the Hex color CD4D1B.

# 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



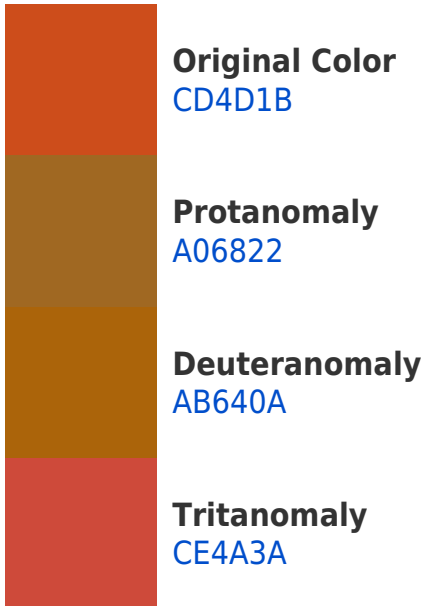
**Original Color**  
CD4D1B

**Protanopia**  
867826

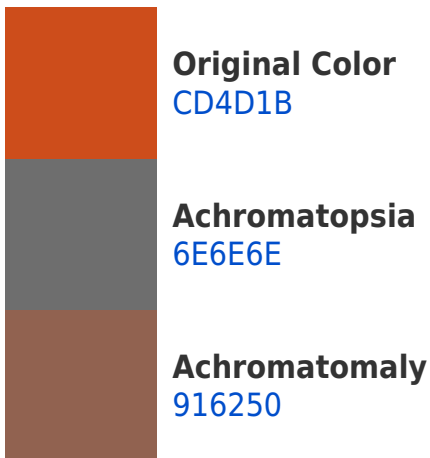
**Deuteranopia**  
977100



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD4D1B 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 #CD4D1B looks like.

```
.text, #text, p{  
    color:#CD4D1B  
}
```

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 #CD4D1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD4D1B
}
```

## Border

The CSS property to change the border of an element to Hex CD4D1B 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
#CD4D1B }
```

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

```
.border{ border-color:#CD4D1B }
```

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

Here you see how a box with a 4 pixel #CD4D1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD4D1B; -webkit-box-shadow:4px 4px  
4px 4px #CD4D1B; box-shadow:4px 4px 4px  
4px #CD4D1B }
```

# Background

The CSS property to change the background color of an element to Hex CD4D1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD4D1B }
```

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

```
.background{ background-color:#CD4D1B }
```

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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