

# Converting Colors

Hex(CD4844)

Have a look what the booklet for  
Hex(CD4844) contains.

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# Color

**Hex(CD4844)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD4844
RGB	205, 72, 68
RGB Percent	80%, 28%, 27%
CMY	0.1961, 0.7176, 0.7333
CMYK	0.00, 0.65, 0.67, 0.20
HSL	2°, 58%, 54%
HSV	2°, 67%, 80%
XYZ	28.5376, 18.0312, 7.4451
YIQ	111.3110, 80.5520, 26.9520

# Conversions

## Conversions Part 2

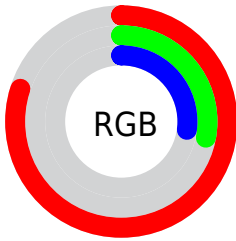
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	205, 72, 68
Decimal	13453380
CIELab	49.53, 52.33, 31.21
CIElCh	50, 60.932, 30.807
Yxy	18.0312, 0.5283, 0.3338
Android (android.graphics.Color)	4291643460 (0xFFCD4844)
YUV	111.3110, -21.3523, 82.1653
Hunter-Lab	42.4632, 45.6512, 19.3288

# Details

The Hex color **CD4844** 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 **44C9CD**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF7F74**, and **900318** is the 20% darker color. If you saturate the color by 10%, you get **CD3430**, and if you desaturate by 10%, it is **CD5C59**.

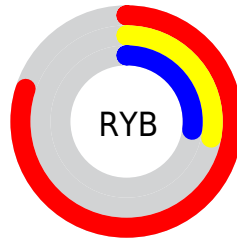
# Distribution



Red (80%)

Green (28%)

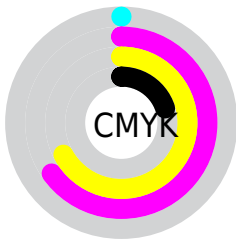
Blue (27%)



Red (80%)

Yellow (28%)

Blue (27%)

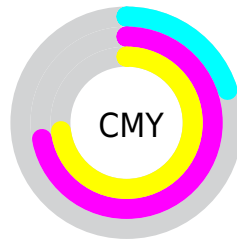


Cyan (0%)

Magenta (65%)

Yellow (67%)

Black (20%)



Cyan (20%)

Magenta (72%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD4844 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 CD4844 by changing the saturation by 10% instead.



 CD4844

 CD4844

FFFFFF

 AE2B2E

 FF7F74

 900318

 FF9A8E

 720000

 FFB6A9

 540000

 FFD3C4

 3A0002

 FFF0E0

 110000

FFFFFFD

 000000

 CD4844

 CD4844

 CD3430

 CD5C59

 CD201B

 CD706D

 CD0C07

 CD8482

 CD0600

 CD9896

 CDACAB

 CDBFBF

 CDD3D4

 CDE7E8

 CDFBFD

# Harmonies

## Analogous

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



CF3E77



CD4844



B45F14

# Triad

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



CD4844



008A40



007CDE

# Complementary

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



CD4844



44C9CD

# 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.



0088D0



CD4844



008D76

# Square

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



CD4844



588207



008DAA



7567CF

# Rectangle

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



CD4844



9B6E00



008DAA



0081DC



# Sweetspot

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



CD4844



FFCDCC



CD44CB



806261



000000



808080



# Same Dimension

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



CD4844



FF3933



CD8B44



665C5C



A60500



260100



# Inverse Universe

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



44C9CD



33F9FF



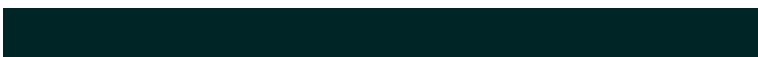
4486CD



5C6666



00A1A6

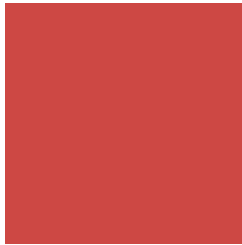


002526



# Previews

## White Background



This preview shows how the Hex color CD4844 looks on a white background.

## Color Contrast Check

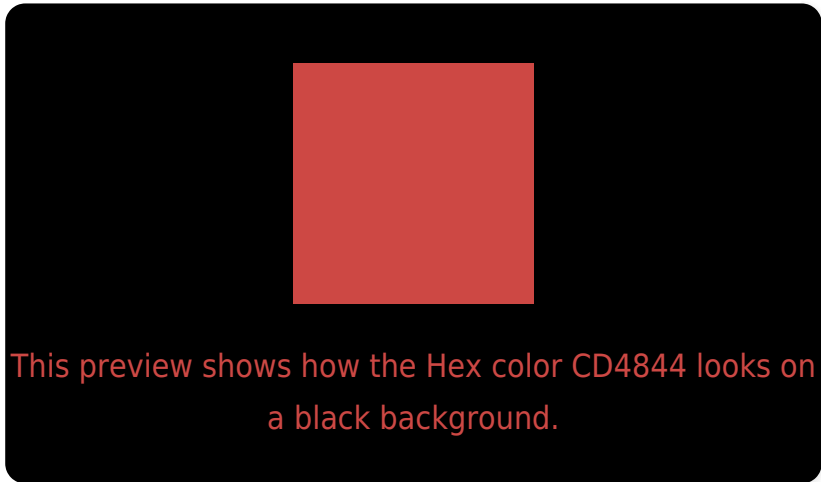
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD4844 Background



This preview shows how black text looks on a background with the Hex color CD4844.

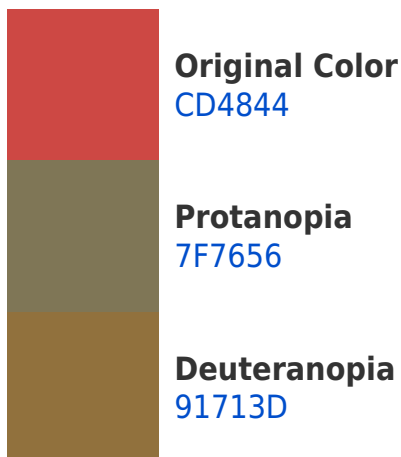


This preview shows how white text looks on a background with the Hex color CD4844.

# 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**  
CD4844

**Protanomaly**  
9B654F

**Deuteranomaly**  
A76240

**Tritanomaly**  
CD4748

# Monochromacy



**Original Color**  
CD4844

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
91615F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD4844 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 #CD4844 looks like.

```
.text, #text, p{  
    color:#CD4844  
}
```

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 #CD4844 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD4844
}
```

## Border

The CSS property to change the border of an element to Hex CD4844 is called "border". The border property can be set on classes, ids or directly on the HTML element.

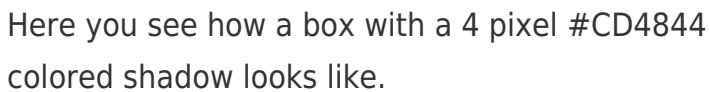
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CD4844 }
```

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

```
.border{ border-color:#CD4844 }
```

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



Here you see how a box with a 4 pixel #CD4844 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD4844; -webkit-box-shadow:4px 4px  
4px 4px #CD4844; box-shadow:4px 4px 4px  
4px #CD4844 }
```

# Background

The CSS property to change the background color of an element to Hex CD4844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD4844 }
```

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

```
.background{ background-color:#CD4844 }
```

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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