

# Converting Colors

Hex(CC1848)

Have a look what the booklet for  
Hex(CC1848) contains.

<b>Hex(CC1848)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(CC1848)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CC1848
RGB	204, 24, 72
RGB Percent	80%, 9%, 28%
CMY	0.2000, 0.9059, 0.7176
CMYK	0.00, 0.88, 0.65, 0.20
HSL	344°, 79%, 45%
HSV	344°, 88%, 80%
XYZ	26.3982, 13.9585, 7.4338
YIQ	83.2920, 91.8720, 53.0880

# Conversions

## Conversions Part 2

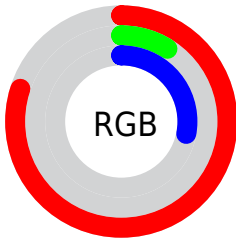
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 24, 72</a>
Decimal	<a href="#">13375560</a>
CIELab	<a href="#">44.17, 66.86, 22.00</a>
CIELCh	<a href="#">44, 70.384, 18.218</a>
Yxy	<a href="#">13.9585, 0.5524, 0.2921</a>
Android (android.graphics.Color)	<a href="#">4291565640</a> ( <a href="#">0xFFCC1848</a> )
YUV	<a href="#">83.2920, -5.5670, 105.8609</a>
Hunter-Lab	<a href="#">37.3611, 60.7405, 14.3557</a>

# Details

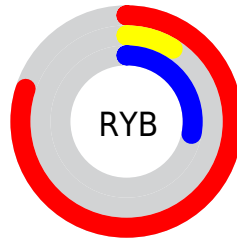
The Hex color **CC1848** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **18CC9C**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF5E78**, and **8E001D** is the 20% darker color. If you saturate the color by 10%, you get **CC0439**, and if you desaturate by 10%, it is **CC2C57**.

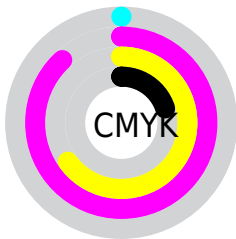
# Distribution



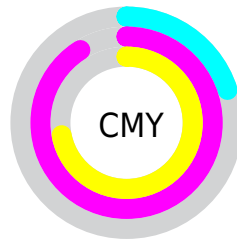
- Red (80%)
- Green (9%)
- Blue (28%)



- Red (80%)
- Yellow (9%)
- Blue (28%)



- Cyan (0%)
- Magenta (88%)
- Yellow (65%)
- Black (20%)



- Cyan (20%)
- Magenta (91%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC1848 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 CC1848 by changing the saturation by 10% instead.



 CC1848

 CC1848

FFFFFF

 AD0032

 FF5E78

 8E001D

 FF7B92

 6F0005

 FF98AC

 510002

 FFB5C7

 330002

 FFD2E3

 000000

 FFF0FF

 CC1848

 CC1848

 CC0439

 CC2C57

 CC0036

 CC4166

 CC5575

 CC6A84

 CC7E93

 CC92A2

 CCA7B1

 CCBBC0

 CCD0CF

# Harmonies

## Analogous

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



C31A82



CC1848



B9400A

# Triad

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



CC1848



007B06



0076DC

# Complementary

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



CC1848



18CC9C

# 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.



007FC0



CC1848



00804E

# Square

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



CC1848



5E7100



00818C



0063D9

# Rectangle

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



CC1848



A15500



00818C



007AD6



# Sweetspot

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



CC1848



FFBDCE



9C18CC



805863



000000



808080



# Same Dimension

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



CC1848



FF0044



CC4218



665C5F



A6002C



26000A



# Inverse Universe

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



CC1848



FF0044



18A2CC



665C5F



A6002C



26000A



# Previews

## White Background



This preview shows how the Hex color CC1848 looks on a white background.

## Color Contrast Check

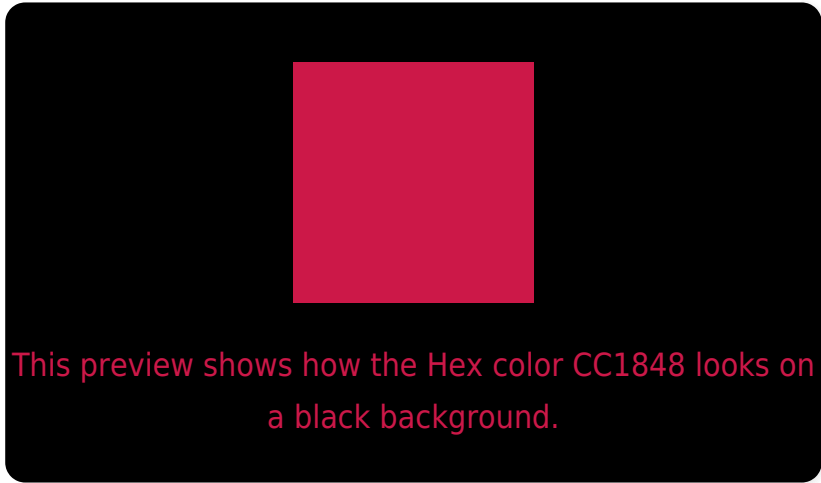
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CC1848 Background



This preview shows how black text looks on a background with the Hex color CC1848.



This preview shows how white text looks on a background with the Hex color CC1848.

# 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



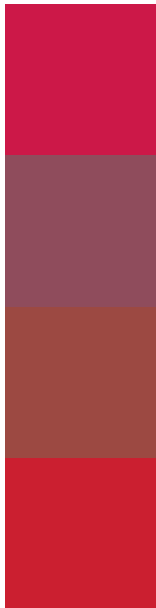
**Original Color**  
CC1848

**Protanopia**  
6C6968

**Deuteranopia**  
80653F



# Trichromacy



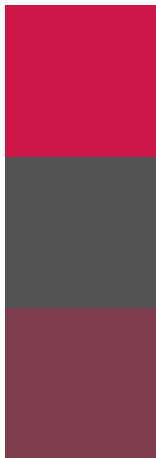
**Original Color**  
CC1848

**Protanomaly**  
8F4C5C

**Deuteranomaly**  
9C4942

**Tritanomaly**  
CB1F30

# Monochromacy



**Original Color**  
CC1848

**Achromatopsia**  
535353

**Achromatomaly**  
7F3E4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC1848 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 #CC1848 looks like.

```
.text, #text, p{  
    color:#CC1848  
}
```

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 #CC1848 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC1848
}
```

## Border

The CSS property to change the border of an element to Hex CC1848 is called "border". The border property can be set on classes, ids or directly on the HTML element.

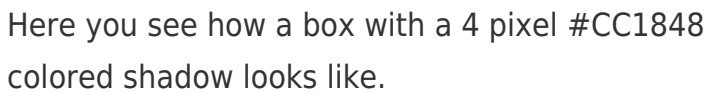
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC1848 }
```

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

```
.border{ border-color:#CC1848 }
```

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



Here you see how a box with a 4 pixel #CC1848 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC1848; -webkit-box-shadow:4px 4px  
4px 4px #CC1848; box-shadow:4px 4px 4px  
4px #CC1848 }
```

# Background

The CSS property to change the background color of an element to Hex CC1848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC1848 }
```

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

```
.background{ background-color:#CC1848 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor