

# Converting Colors

Hex(CC4944)

Have a look what the booklet for  
Hex(CC4944) contains.

<b>Hex(CC4944)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(CC4944)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC4944
RGB	204, 73, 68
RGB Percent	80%, 29%, 27%
CMY	0.2000, 0.7137, 0.7333
CMYK	0.00, 0.64, 0.67, 0.20
HSL	2°, 57%, 53%
HSV	2°, 67%, 80%
XYZ	28.3278, 18.0198, 7.4540
YIQ	111.5990, 79.6810, 26.2170

# Conversions

## Conversions Part 2

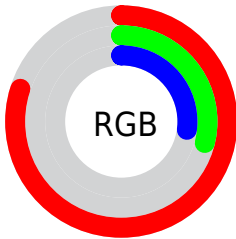
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 73, 68</a>
Decimal	<a href="#">13388100</a>
CIELab	<a href="#">49.52, 51.57, 31.15</a>
CIElCh	<a href="#">50, 60.249, 31.132</a>
Yxy	<a href="#">18.0198, 0.5265, 0.3349</a>
Android (android.graphics.Color)	<a href="#">4291578180 (0xFFCC4944)</a>
YUV	<a href="#">111.5990, -21.4943, 81.0357</a>
Hunter-Lab	<a href="#">42.4497, 44.8304, 19.3038</a>

# Details

The Hex color **CC4944** 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 **44C7CC**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF7F74**, and **8F0618** is the 20% darker color. If you saturate the color by 10%, you get **CC3530**, and if you desaturate by 10%, it is **CC5D58**.

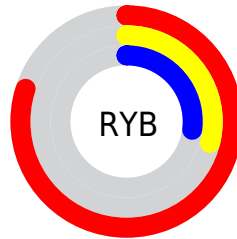
# Distribution



Red (80%)

Green (29%)

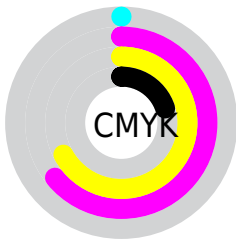
Blue (27%)



Red (80%)

Yellow (29%)

Blue (27%)

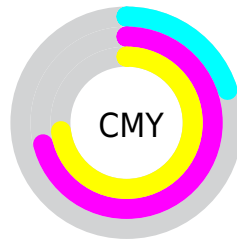


Cyan (0%)

Magenta (64%)

Yellow (67%)

Black (20%)



Cyan (20%)

Magenta (71%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC4944 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 CC4944 by changing the saturation by 10% instead.



 CC4944

 CC4944

FFFFFF

 AD2D2E

 FF7F74

 8F0618

 FF9B8E

 710000

 FFB7A9

 530000

 FFD4C4

 390002

 FFF1E0

 100000

FFFFFFD

 000000

 CC4944

 CC4944

 CC3530

 CC5D58

 CC221B

 CC706D

 CC0E07

 CC8481

 CC0700

 CC9896

 CCABAA

 CCBFBE

 CCD3D3

 CCE6E7

 CCFAFC

# Harmonies

## Analogous

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



CE3F76



CC4944



B36015

# Triad

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



CC4944



008941



007BDD

# Complementary

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



CC4944



44C7CC

# 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.



0087CF



CC4944



008D76

# Square

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



CC4944



58820B



008CA9



7667CE

# Rectangle

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



CC4944



9A6E00



008CA9



0080DB



# Sweetspot

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



CC4944



FFCECC



CC44C7



806261



000000



808080



# Same Dimension

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



CC4944



FF3A33



CC8D44



665C5C



A60600



260100



# Inverse Universe

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



44C7CC



33F8FF



4483CC



5C6666



00A0A6



002526



# Previews

## White Background



This preview shows how the Hex color CC4944 looks on a white background.

## Color Contrast Check

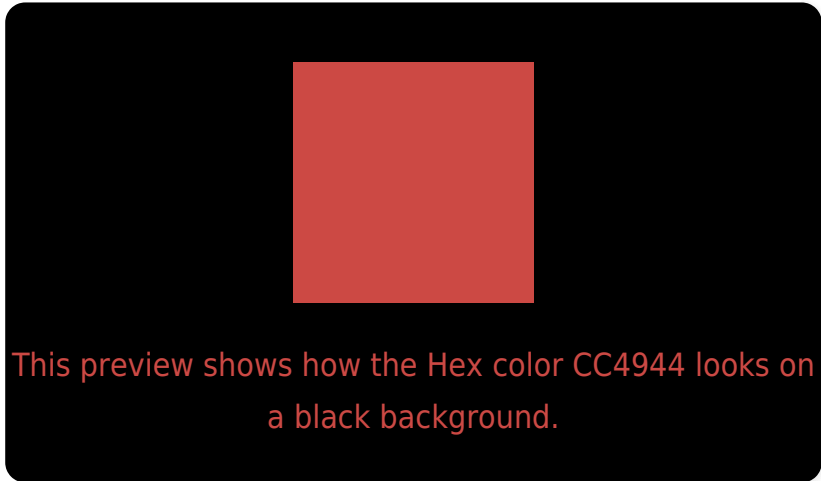
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC4944 Background



This preview shows how black text looks on a background with the Hex color CC4944.



This preview shows how white text looks on a background with the Hex color CC4944.

# Color Blindness Simulation

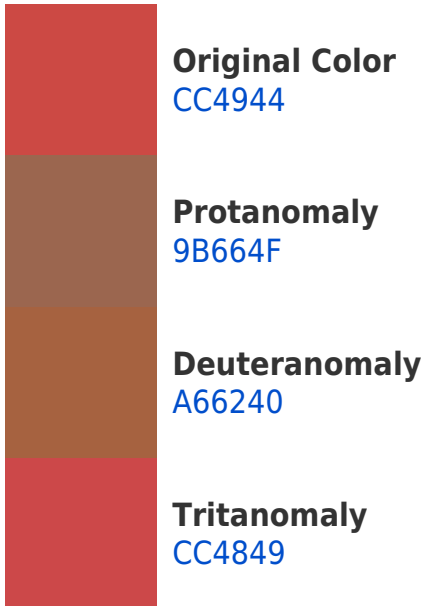
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

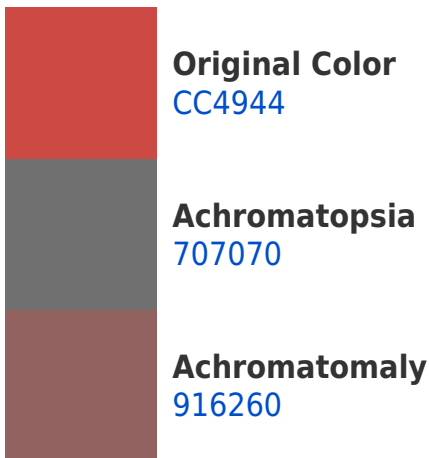




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC4944 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 #CC4944 looks like.

```
.text, #text, p{  
    color:#CC4944  
}
```

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 #CC4944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC4944
}
```

## Border

The CSS property to change the border of an element to Hex CC4944 is called "border". The border property can be set on classes, ids or directly on the HTML element.

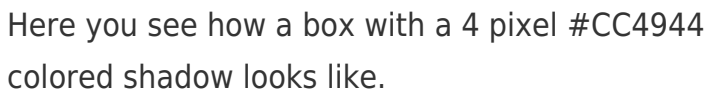
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC4944 }
```

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

```
.border{ border-color:#CC4944 }
```

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



Here you see how a box with a 4 pixel `#CC4944` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC4944; -webkit-box-shadow:4px 4px  
4px 4px #CC4944; box-shadow:4px 4px 4px  
4px #CC4944 }
```

# Background

The CSS property to change the background color of an element to Hex CC4944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC4944 }
```

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

```
.background{ background-color:#CC4944 }
```

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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