

# Converting Colors

Hex(CC3D3D)

Have a look what the booklet for  
Hex(CC3D3D) contains.

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# Color

Hex(CC3D3D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC3D3D
RGB	204, 61, 61
RGB Percent	80%, 24%, 24%
CMY	0.2000, 0.7608, 0.7608
CMYK	0.00, 0.70, 0.70, 0.20
HSL	0°, 58%, 52%
HSV	0°, 70%, 80%
XYZ	27.4129, 16.5118, 6.1572

# Conversions

## Conversions Part 2

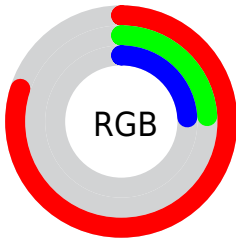
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 61, 61
Decimal	13385021
CIE <sub>Lab</sub>	47.64, 56.05, 32.96
CIE <sub>LCh</sub>	48, 65.017, 30.457
Yxy	16.5118, 0.5474, 0.3297
Android (android.graphics.Color)	4291575101 (0xFFCC3D3D)
YUV	103.7570, -21.0792, 87.9131

# Details

The Hex color **CC3D3D** 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 **3DCCCC**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF756D**, and **8E0012** is the 20% darker color. If you saturate the color by 10%, you get **CC2929**, and if you desaturate by 10%, it is **CC5151**.

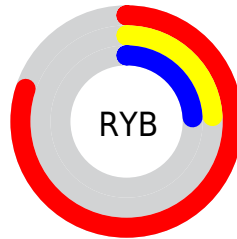
# Distribution



Red (80%)

Green (24%)

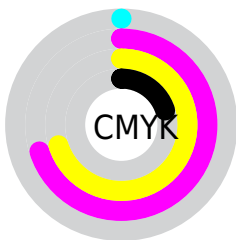
Blue (24%)



Red (80%)

Yellow (24%)

Blue (24%)

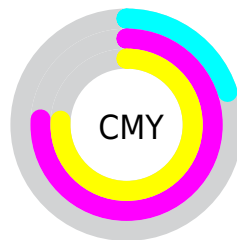


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (20%)



Cyan (20%)

Magenta (76%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC3D3D 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 CC3D3D by changing the saturation by 10% instead.



 CC3D3D

 EB5954

 FF756D

 FF9186

 FFADA0

 FFCABB

 FFE7D7

 FFFFF4

FFFFFF

 CC3D3D

 AD1D27

 8E0012

 700000

 520000

 360002

 070000

 000000

 CC3D3D

 CC2929

 CC1414

 CC0000

 CC3D3D

 CC5151

 CC6666

 CC7A7A

 CC8F8F

 CCA3A3

 CCB7B7

■ CCCCCC

■ CCE0E0

■ CCF5F5

# Harmonies

## Analogous

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



CE3073



CC3D3D



B25800

# Triad

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



CC3D3D



008537



0078E0

# Complementary

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



CC3D3D



3DCCCC

# 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.



0084D0



CC3D3D



008970

# Square

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



CC3D3D



517E00



0089A7



6D62D0

# Rectangle

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



CC3D3D



976800



0089A7



007DDE



# Sweetspot

The sweet spot groups the original color and five complimentary colors.



CC3D3D



FFC9C9



CC3DCC



806060



000000



808080

# Previews

## White Background



This preview shows how the Hex color CC3D3D looks on a white background.

## Color Contrast Check

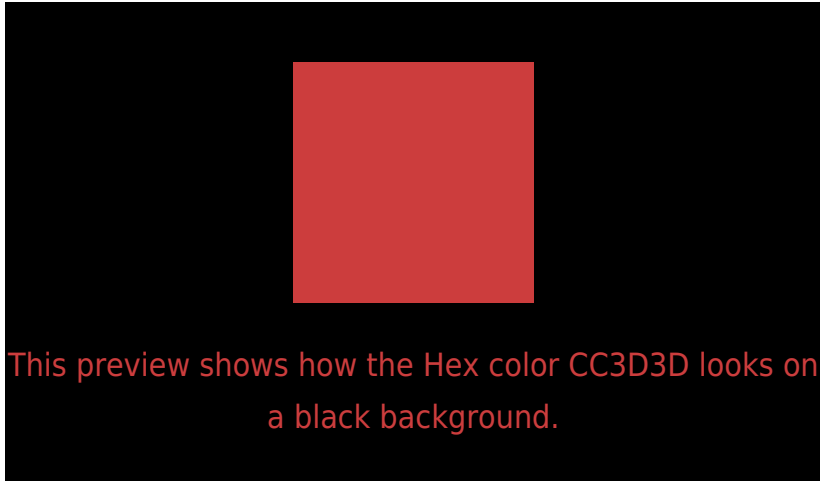
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC3D3D Background



This preview shows how black text looks on a background with the Hex color CC3D3D.



This preview shows how white text looks on a background with the Hex color CC3D3D.

# 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



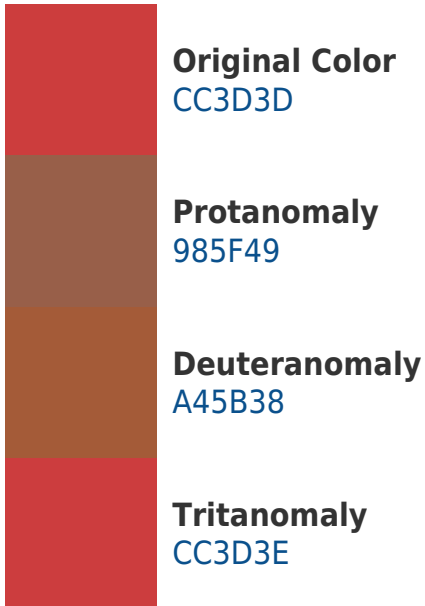
**Original Color**  
CC3D3D

**Protanopia**  
7B7250

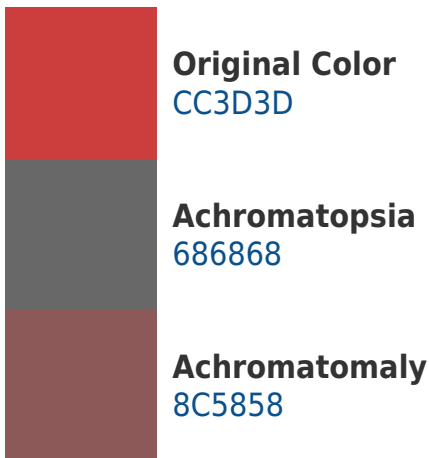
**Deuteranopia**  
8D6C35



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC3D3D 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 #CC3D3D looks like.

```
.text, #text, p{  
    color:#CC3D3D  
}
```



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 #CC3D3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC3D3D
}
```

## Border

The CSS property to change the border of an element to Hex CC3D3D 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
#CC3D3D }
```

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

```
.border{ border-color:#CC3D3D }
```

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

Here you see how a box with a 4 pixel #CC3D3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC3D3D; -webkit-box-shadow:4px 4px  
4px 4px #CC3D3D; box-shadow:4px 4px 4px  
4px #CC3D3D }
```

# Background

The CSS property to change the background color of an element to Hex CC3D3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC3D3D }
```

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

```
.background{ background-color:#CC3D3D }
```

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? Have a look at my other booklet **HOWCOLORS.WORK – A CSS color notation guide.**



## **HOWCOLORS.WORK**

### **A CSS color notation guide.**

Are you new to web development and want to know the different ways to express colors in CSS? Then this booklet is for you!

### **HOWCOLORS.WORK will help you understand the syntax of the color notations in CSS.**

You will learn all the current and new ways to express colors to prepare yourself for the future!

**[Buy now, starting at \\$4.99!](#)**

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