

# Converting Colors

Hex(C71D4C)

Have a look what the booklet for  
Hex(C71D4C) contains.

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# Color

Hex(C71D4C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C71D4C
RGB	199, 29, 76
RGB Percent	78%, 11%, 30%
CMY	0.2196, 0.8863, 0.7020
CMYK	0.00, 0.85, 0.62, 0.22
HSL	343°, 75%, 45%
HSV	343°, 85%, 78%
XYZ	25.2971, 13.5426, 8.1182
YIQ	85.1880, 86.2330, 50.6570

# Conversions

## Conversions Part 2

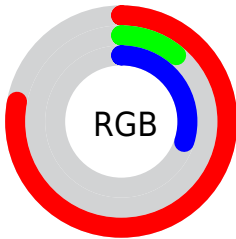
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 29, 76
Decimal	13049164
CIE <sub>Lab</sub>	43.57, 64.86, 18.53
CIE <sub>LCh</sub>	44, 67.452, 15.944
Yxy	13.5426, 0.5387, 0.2884
Android (android.graphics.Color)	4291239244 (0xFFC71D4C)
YUV	85.1880, -4.5297, 99.8131
Hunter-Lab	36.8003, 58.3028, 12.6808

# Details

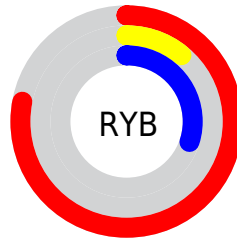
The Hex color **C71D4C** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **1DC798**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF5F7C**, and **890021** is the 20% darker color. If you saturate the color by 10%, you get **C7093E**, and if you desaturate by 10%, it is **C7315A**.

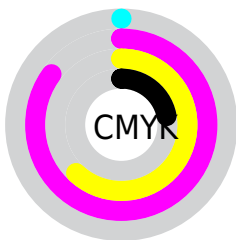
# Distribution



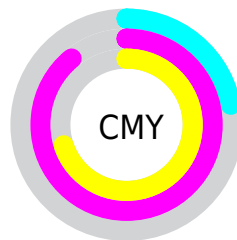
- Red (78%)
- Green (11%)
- Blue (30%)



- Red (78%)
- Yellow (11%)
- Blue (30%)



- Cyan (0%)
- Magenta (85%)
- Yellow (62%)
- Black (22%)



- Cyan (22%)
- Magenta (89%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C71D4C 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 C71D4C by changing the saturation by 10% instead.



 C71D4C

 C71D4C

FFFFFF

 A80036

 FF5F7C

 890021

 FF7C96

 6B000B

 FF99B1

 4E0002

 FFB6CC

 300002

 FFD3E8

 000000

 FFF1FF

 C71D4C

 C71D4C

 C7093E

 C7315A

 C70037

 C74569

 C75977

 C76D86

 C78194

 C794A2

 C7A8B1

 C7BCBF

 C7D0CE

# Harmonies

## Analogous

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



BC2384



C71D4C



B73E14

# Triad

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



C71D4C



097804



0075D5

# Complementary

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



C71D4C



1DC798

# 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.



007DB7



C71D4C



007D4A

# Square

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



C71D4C



626E00



007F84



0064D4

# Rectangle

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



C71D4C



A05200



007F84



0079CE



# Sweetspot

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



C71D4C



FFBDCF



971DC7



805863



000000



808080



# Same Dimension

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



C71D4C



FF0046



C7421D



635A5C



A3002D



24000A



# Inverse Universe

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



C71D4C



FF0046



1DA2C7



635A5C



A3002D



24000A



# Previews

## White Background



This preview shows how the Hex color C71D4C looks on a white background.

## Color Contrast Check

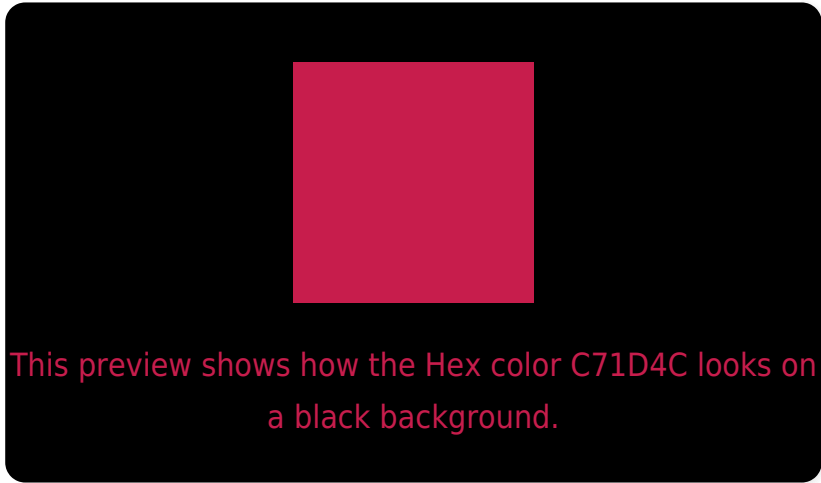
Large Text (above 18pt) WCAG AA ✓ Pass

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 C71D4C Background



This preview shows how black text looks on a background with the Hex color C71D4C.



This preview shows how white text looks on a background with the Hex color C71D4C.

# 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



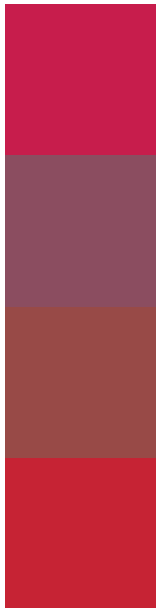
**Original Color**  
C71D4C

**Protanopia**  
69686C

**Deuteranopia**  
7D6444



# Trichromacy



**Original Color**  
C71D4C

**Protanomaly**  
8B4D60

**Deuteranomaly**  
984A47

**Tritanomaly**  
C62334

# Monochromacy



**Original Color**  
C71D4C

**Achromatopsia**  
555555

**Achromatomaly**  
7E4152

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C71D4C 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 #C71D4C looks like.

```
.text, #text, p{  
    color:#C71D4C  
}
```

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 #C71D4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C71D4C
}
```

## Border

The CSS property to change the border of an element to Hex C71D4C 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
#C71D4C }
```

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

```
.border{ border-color:#C71D4C }
```

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

Here you see how a box with a 4 pixel #C71D4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C71D4C; -webkit-box-shadow:4px 4px  
4px 4px #C71D4C; box-shadow:4px 4px 4px  
4px #C71D4C }
```

# Background

The CSS property to change the background color of an element to Hex C71D4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C71D4C }
```

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

```
.background{ background-color:#C71D4C }
```

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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