

# Converting Colors

Hex(C01C4A)

Have a look what the booklet for  
Hex(C01C4A) contains.

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# Color

**Hex(C01C4A)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | C01C4A                    |
| RGB         | 192, 28, 74               |
| RGB Percent | 75%, 11%, 29%             |
| CMY         | 0.2471, 0.8902, 0.7098    |
| CMYK        | 0.00, 0.85, 0.61, 0.25    |
| HSL         | 343°, 75%, 43%            |
| HSV         | 343°, 85%, 75%            |
| XYZ         | 23.3895, 12.5314, 7.6646  |
| YIQ         | 82.2800, 82.9780, 49.0740 |

# Conversions

## Conversions Part 2

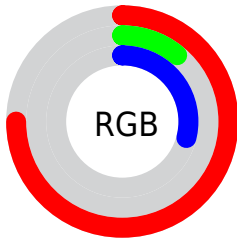
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>RYB</b>                          | 192, 28, 74                  |
| Decimal                             | 12590154                     |
| CIELab                              | 42.05, 63.12, 17.50          |
| CIElCh                              | 42, 65.500, 15.500           |
| Yxy                                 | 12.5314, 0.5366,<br>0.2875   |
| Android<br>(android.graphics.Color) | 4290780234<br>(0xFFC01C4A)   |
| YUV                                 | 82.2800, -4.0820,<br>96.2244 |
| Hunter-Lab                          | 35.3997, 55.9902,<br>11.9426 |

# Details

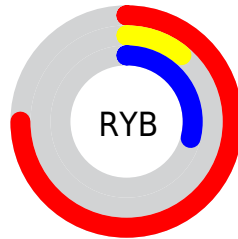
The Hex color **C01C4A** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **1CC092**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FE5D7A**, and **83001F** is the 20% darker color. If you saturate the color by 10%, you get **C0093C**, and if you desaturate by 10%, it is **C02F58**.

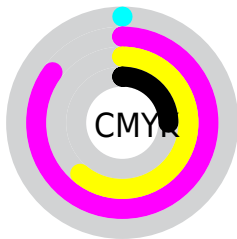
# Distribution



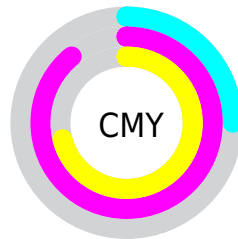
- Red (75%)
- Green (11%)
- Blue (29%)



- Red (75%)
- Yellow (11%)
- Blue (29%)



- Cyan (0%)
- Magenta (85%)
- Yellow (61%)
- Black (25%)



- Cyan (25%)
- Magenta (89%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C01C4A 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 C01C4A by changing the saturation by 10% instead.



 C01C4A

 C01C4A

FFFFFF

 A10034

 FE5D7A

 83001F

 FF7A94

 650007

 FF97AF

 480002

 FFB3CA

 2A0001

 FFD1E6

 000000

 FFEEFF

 C01C4A

 C01C4A

 C0093C

 C02F58

 C00036

 C04266

 C05673

 C06981

 C07C8F

 C08F9D

 C0A2AB

 C0B6B9

 C0C9C6

# Harmonies

## Analogous

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



B52380



C01C4A



B03C15

# Triad

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



C01C4A



0E7403



0071CD

# Complementary

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



C01C4A



1CC092

# 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.



0079B0



C01C4A



007946

# Square

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



C01C4A



5F6900



007A7F



0061CD

# Rectangle

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



C01C4A



9B4F00



007A7F



0075C6



# Sweetspot

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



C01C4A



FAB9CB



921CC0



7D5661



FCFCFC



7D7D7D



# Same Dimension

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



C01C4A



FA0046



C0401C



61575A



A1002D



210009



# Inverse Universe

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



C01C4A



FA0046



1C9CC0



61575A



A1002D



210009



# Previews

## White Background



This preview shows how the Hex color C01C4A looks on a white background.

## Color Contrast Check

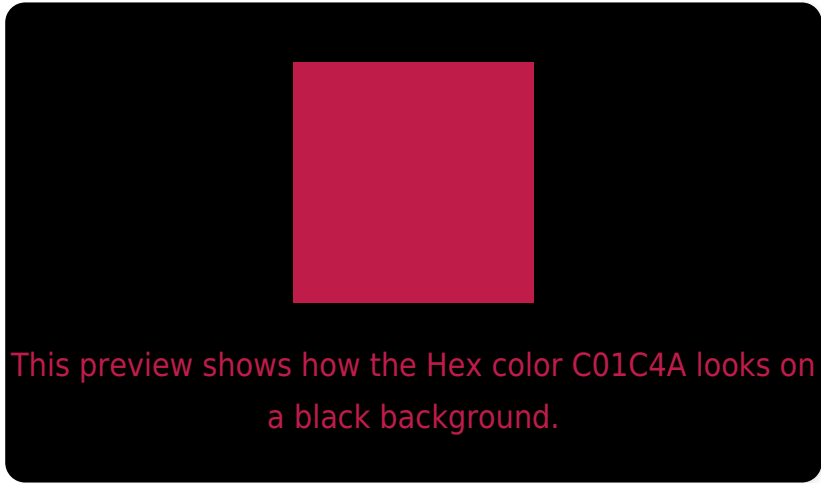
Large Text (above 18pt) WCAG AA ✓ Pass

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 C01C4A Background



This preview shows how black text looks on a background with the Hex color C01C4A.



This preview shows how white text looks on a background with the Hex color C01C4A.

# 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



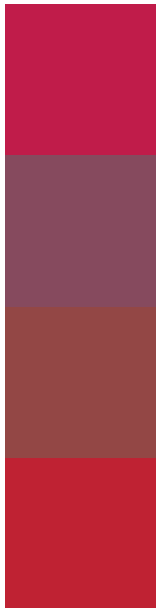
**Original Color**  
C01C4A

**Protanopia**  
656469

**Deuteranopia**  
796042



# Trichromacy



**Original Color**  
C01C4A

**Protanomaly**  
864A5E

**Deuteranomaly**  
934745

**Tritanomaly**  
BF2233

# Monochromacy



**Original Color**  
C01C4A

**Achromatopsia**  
525252

**Achromatomaly**  
7A3E4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C01C4A 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 #C01C4A looks like.

```
.text, #text, p{  
    color:#C01C4A  
}
```

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 #C01C4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C01C4A
}
```

## Border

The CSS property to change the border of an element to Hex C01C4A 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
#C01C4A }
```

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

```
.border{ border-color:#C01C4A }
```

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

Here you see how a box with a 4 pixel #C01C4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C01C4A; -webkit-box-shadow:4px 4px  
4px 4px #C01C4A; box-shadow:4px 4px 4px  
4px #C01C4A }
```

# Background

The CSS property to change the background color of an element to Hex C01C4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C01C4A }
```

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

```
.background{ background-color:#C01C4A }
```

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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