

# Converting Colors

Hex(C2154C)

Have a look what the booklet for  
Hex(C2154C) contains.

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**Color**

**Hex(C2154C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2154C
RGB	194, 21, 76
RGB Percent	76%, 8%, 30%
CMY	0.2392, 0.9176, 0.7020
CMYK	0.00, 0.89, 0.61, 0.24
HSL	341°, 80%, 42%
HSV	341°, 89%, 76%
XYZ	23.8208, 12.5275, 8.0000
YIQ	78.9970, 85.4530, 53.7810

# Conversions

## Conversions Part 2

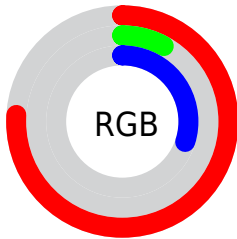
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 21, 76
Decimal	12719436
CIELab	42.04, 65.06, 16.31
CIELCh	42, 67.070, 14.071
Yxy	12.5275, 0.5371, 0.2825
Android (android.graphics.Color)	4290909516 (0xFFC2154C)
YUV	78.9970, -1.4775, 100.8576
Hunter-Lab	35.3942, 58.1934, 11.3748

# Details

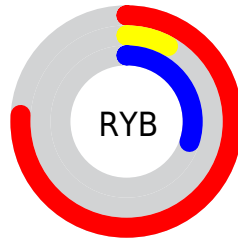
The Hex color **C2154C** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **15C28B**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FF5B7C**, and **850021** is the 20% darker color. If you saturate the color by 10%, you get **C2023F**, and if you desaturate by 10%, it is **C22859**.

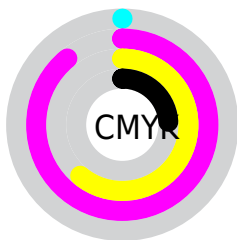
# Distribution



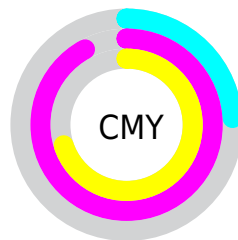
- Red (76%)
- Green (8%)
- Blue (30%)



- Red (76%)
- Yellow (8%)
- Blue (30%)



- Cyan (0%)
- Magenta (89%)
- Yellow (61%)
- Black (24%)



- Cyan (24%)
- Magenta (92%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2154C 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 C2154C by changing the saturation by 10% instead.



 C2154C

 C2154C

FFFFFF

 A30036

 FF5B7C

 850021

 FF7896

 67000A

 FF94B1

 4A0003

 FFB1CC

 2B0001

 FFCFE8

 000000

 FFECFF

 C2154C

 C2154C

 C2023F

 C22859

 C2003E

 C23C66

 C24F74

 C26381

 C2768E

 C2899B

 C29DA9

 C2B0B6

 C2C4C3

# Harmonies

## Analogous

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



B52083



C2154C



B33815

# Triad

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



C2154C



117400



0072CF

# Complementary

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



C2154C



15C28B

# 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



C2154C



007943

# Square

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



C2154C



616900



007B7D



0062D0

# Rectangle

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



C2154C



9E4D00



007B7D



0075C7



# Sweetspot

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



C2154C



FCB8CE



8815C2



805764



000000



808080



# Same Dimension

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



C2154C



FC0050



C23215



61575A



A10033



21000B



# Inverse Universe

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



C2154C



FC0050



15A5C2



61575A



A10033



21000B



# Previews

## White Background



This preview shows how the Hex color C2154C looks on a white background.

## Color Contrast Check

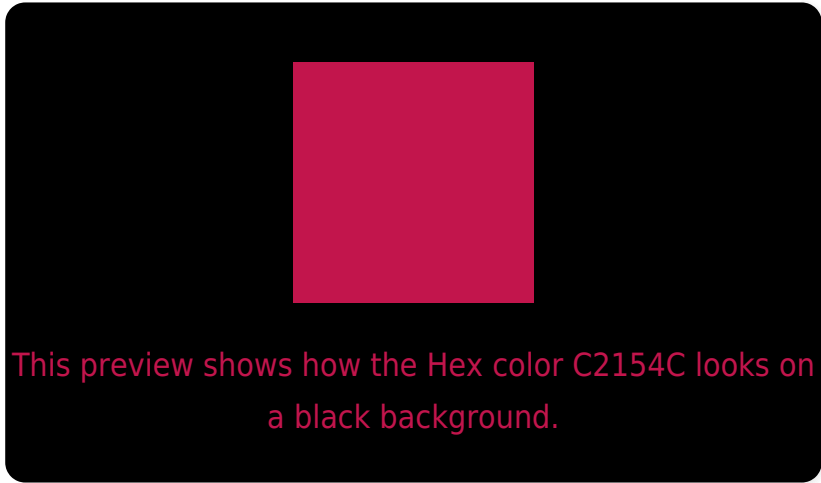
Large Text (above 18pt) WCAG AA ✓ Pass

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 C2154C Background



This preview shows how black text looks on a background with the Hex color C2154C.

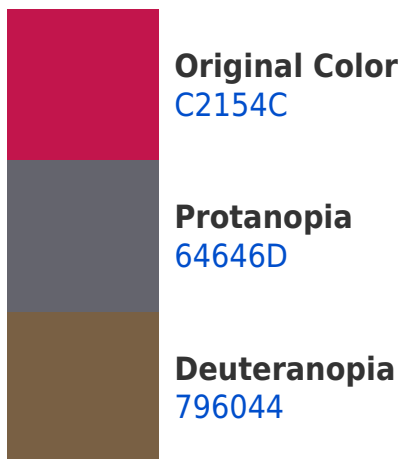


This preview shows how white text looks on a background with the Hex color C2154C.

# Color Blindness Simulation

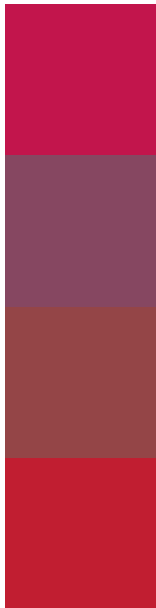
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



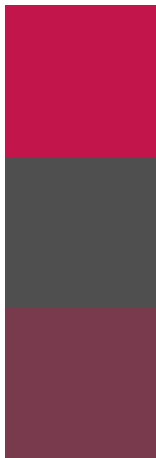
**Original Color**  
C2154C

**Protanomaly**  
864761

**Deuteranomaly**  
944547

**Tritanomaly**  
C11E31

# Monochromacy



**Original Color**  
C2154C

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
793A4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2154C 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 #C2154C looks like.

```
.text, #text, p{  
    color:#C2154C  
}
```

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 #C2154C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2154C
}
```

## Border

The CSS property to change the border of an element to Hex C2154C is called "border". The border property can be set on classes, ids or directly on the HTML element.

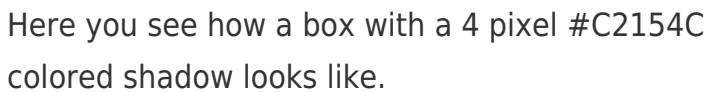
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C2154C }
```

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

```
.border{ border-color:#C2154C }
```

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



Here you see how a box with a 4 pixel `#C2154C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2154C; -webkit-box-shadow:4px 4px  
4px 4px #C2154C; box-shadow:4px 4px 4px  
4px #C2154C }
```

# Background

The CSS property to change the background color of an element to Hex C2154C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2154C }
```

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

```
.background{ background-color:#C2154C }
```

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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