

# Converting Colors

Hex(CC4157)

Have a look what the booklet for  
Hex(CC4157) contains.

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# Color

**Hex(CC4157)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC4157
RGB	204, 65, 87
RGB Percent	80%, 25%, 34%
CMY	0.2000, 0.7451, 0.6588
CMYK	0.00, 0.68, 0.57, 0.20
HSL	351°, 58%, 53%
HSV	351°, 68%, 80%
XYZ	28.5124, 17.3061, 10.8545
YIQ	109.0690, 75.7820, 36.3100

# Conversions

## Conversions Part 2

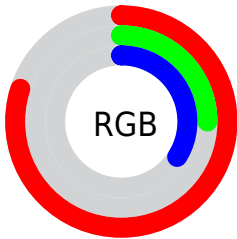
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	204, 65, 87
Decimal	13386071
CIE Lab	48.64, 56.07, 18.72
CIE LCh	49, 59.116, 18.460
Yxy	17.3061, 0.5031, 0.3054
Android (android.graphics.Color)	4291576151 (0xFFCC4157)
YUV	109.0690, -10.8800, 83.2545
Hunter-Lab	41.6006, 49.5403, 13.6504

# Details

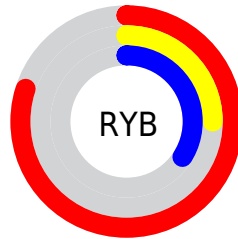
The Hex color **CC4157** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **41CCB6**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF7989**, and **90002A** is the 20% darker color. If you saturate the color by 10%, you get **CC2D46**, and if you desaturate by 10%, it is **CC5568**.

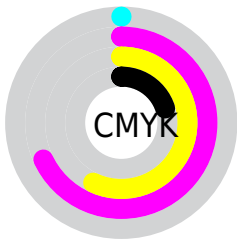
# Distribution



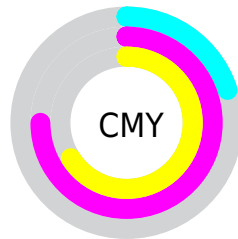
- Red (80%)
- Green (25%)
- Blue (34%)



- Red (80%)
- Yellow (25%)
- Blue (34%)



- Cyan (0%)
- Magenta (68%)
- Yellow (57%)
- Black (20%)



- Cyan (20%)
- Magenta (75%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC4157 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 CC4157 by changing the saturation by 10% instead.



 CC4157

 CC4157

FFFFFF

 AE2240

 FF7989

 90002A

 FF95A3

 720016


 FFB1BE

 550000

 FFCEDA

 3A0002

 FFEBF6

 110000

 000000

 CC4157

 CC4157

 CC2D46

 CC5568

 CC1835

 CC6A79

 CC0423

 CC7E8B

 CC0020

 CC939C

 CCA7AD

 CCBBBE

 CCD0CF

 CCE4E0

 CCF9F2

# Harmonies

## Analogous

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



C34289



CC4157



BC5529

# Triad

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



CC4157



2C842B



007FD6

# Complementary

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



CC4157



41CCB6

# 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.



0088BE



CC4157



00895E

# Square

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



CC4157



6E7A00



008A92



476FD3

# Rectangle

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



CC4157



A86307



008A92



0083D1



# Sweetspot

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



CC4157



FFCCD4



B541CC



806166



000000



808080



# Same Dimension

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



CC4157



FF2E4F



CC6F41



665C5D



A6001A



260006



# Inverse Universe

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



CC4157



FF2E4F



419ECC



665C5D



A6001A

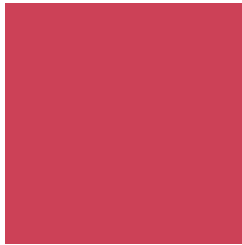


260006



# Previews

## White Background



This preview shows how the Hex color CC4157 looks on a white background.

## Color Contrast Check

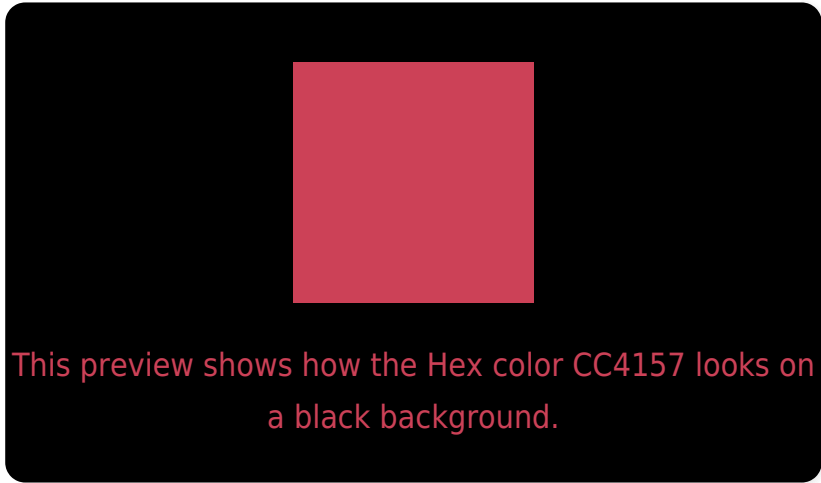
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC4157 Background



This preview shows how black text looks on a background with the Hex color CC4157.

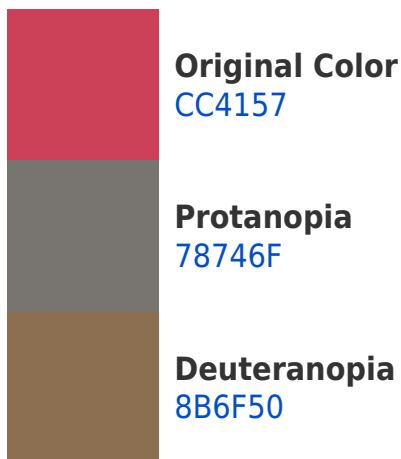


This preview shows how white text looks on a background with the Hex color CC4157.

# Color Blindness Simulation

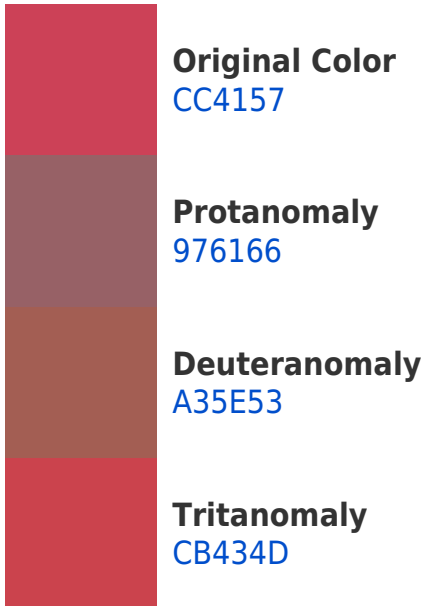
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC4157 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 #CC4157 looks like.

```
.text, #text, p{  
    color:#CC4157  
}
```

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 #CC4157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC4157  
}
```

## Border

The CSS property to change the border of an element to Hex CC4157 is called "border". The border property can be set on classes, ids or directly on the HTML element.

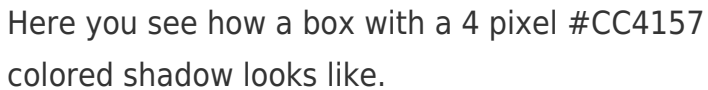
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#CC4157 }
```

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

```
.border{ border-color:#CC4157 }
```

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



Here you see how a box with a 4 pixel `#CC4157` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC4157; -webkit-box-shadow:4px 4px  
4px 4px #CC4157; box-shadow:4px 4px 4px  
4px #CC4157 }
```

# Background

The CSS property to change the background color of an element to Hex CC4157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC4157 }
```

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

```
.background{ background-color:#CC4157 }
```

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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