

# Converting Colors

Hex(C3175E)

Have a look what the booklet for  
Hex(C3175E) contains.

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**Color**

**Hex(C3175E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3175E
RGB	195, 23, 94
RGB Percent	76%, 9%, 37%
CMY	0.2353, 0.9098, 0.6314
CMYK	0.00, 0.88, 0.52, 0.24
HSL	335°, 79%, 43%
HSV	335°, 88%, 76%
XYZ	24.8325, 13.0230, 11.7946
YIQ	82.5220, 79.7210, 58.5450

# Conversions

## Conversions Part 2

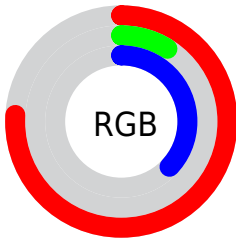
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 23, 94
Decimal	12785502
CIE <sub>Lab</sub>	42.80, 66.20, 6.04
CIE <sub>LCh</sub>	43, 66.477, 5.210
Yxy	13.0230, 0.5001, 0.2623
Android (android.graphics.Color)	4290975582 (0xFFC3175E)
YUV	82.5220, 5.6587, 98.6432
Hunter-Lab	36.0875, 59.6761, 5.8833

# Details

The Hex color **C3175E** 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 **17C37C**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF5C90**, and **870031** is the 20% darker color. If you saturate the color by 10%, you get **C30453**, and if you desaturate by 10%, it is **C32B69**.

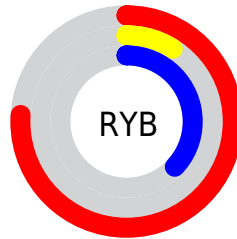
# Distribution



Red (76%)

Green (9%)

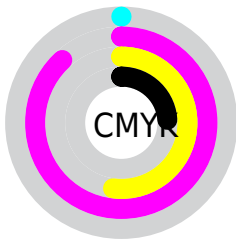
Blue (37%)



Red (76%)

Yellow (9%)

Blue (37%)

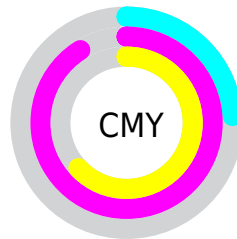


Cyan (0%)

Magenta (88%)

Yellow (52%)

Black (24%)



Cyan (24%)

Magenta (91%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3175E 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 C3175E by changing the saturation by 10% instead.



 C3175E

 C3175E

FFFFFF

 A50047

 FF5C90

 870031

 FF79AA

 69001C

 FF96C6

 4D0002

 FFB3E2

 2E0002

 FFD1FE

 000000

 FFEEFF

 C3175E

 C3175E

 C30453

 C32B69

 C30050

 C33E75

 C35180

 C3658C

 C37997

 C38CA3

 C39FAE

 C3B3BA

 C3C6C5

# Harmonies

## Analogous

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



AC2F94



C3175E



BC3129

# Triad

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



C3175E



377300



0077C9

# Complementary

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



C3175E



17C37C

# 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.



007CA4



C3175E



007A33

# Square

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



C3175E



736600



007C6E



0069D4

# Rectangle

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



C3175E



AA4700



007C6E



0079BF



# Sweetspot

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



C3175E



FCBBD6



7B17C3



805868



000000



808080



# Same Dimension

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



C3175E



FC0068



C32517



61575B



A10042



21000E



# Inverse Universe

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



C3175E



FC0068



17B5C3



61575B



A10042



21000E



# Previews

## White Background



This preview shows how the Hex color C3175E 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 C3175E Background



This preview shows how black text looks on a background with the Hex color C3175E.



This preview shows how white text looks on a background with the Hex color C3175E.

# Color Blindness Simulation

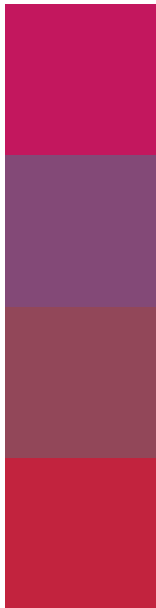
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
C3175E

**Protanomaly**  
834977

**Deuteranomaly**  
924759

**Tritanomaly**  
C2233E

# Monochromacy



**Original Color**  
C3175E

**Achromatopsia**  
535353

**Achromatomaly**  
7C3D57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3175E 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 #C3175E looks like.

```
.text, #text, p{  
    color:#C3175E  
}
```

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 #C3175E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3175E
}
```

## Border

The CSS property to change the border of an element to Hex C3175E is called "border". The border property can be set on classes, ids or directly on the HTML element.

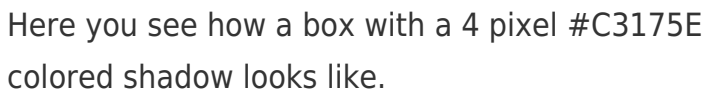
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C3175E }
```

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

```
.border{ border-color:#C3175E }
```

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



Here you see how a box with a 4 pixel `#C3175E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3175E; -webkit-box-shadow:4px 4px  
4px 4px #C3175E; box-shadow:4px 4px 4px  
4px #C3175E }
```

# Background

The CSS property to change the background color of an element to Hex C3175E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3175E }
```

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

```
.background{ background-color:#C3175E }
```

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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