

# Converting Colors

Hex(CC2345)

Have a look what the booklet for  
Hex(CC2345) contains.

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# Color

Hex(CC2345)

# Conversions

## Conversions Part 1

Format	Color
Hex	CC2345
RGB	204, 35, 69
RGB Percent	80%, 14%, 27%
CMY	0.2000, 0.8627, 0.7294
CMYK	0.00, 0.83, 0.66, 0.20
HSL	348°, 71%, 47%
HSV	348°, 83%, 80%
XYZ	26.5770, 14.4691, 7.0223
YIQ	89.4070, 89.8100, 46.4020

# Conversions

## Conversions Part 2

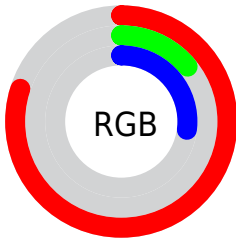
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 35, 69</a>
Decimal	<a href="#">13378373</a>
CIELab	<a href="#">44.90, 64.47, 24.79</a>
CIElCh	<a href="#">45, 69.069, 21.035</a>
Yxy	<a href="#">14.4691, 0.5529, 0.3010</a>
Android (android.graphics.Color)	<a href="#">4291568453</a> ( <a href="#">0xFFCC2345</a> )
YUV	<a href="#">89.4070, -10.0607, 100.4981</a>
Hunter-Lab	<a href="#">38.0383, 58.1496, 15.6812</a>

# Details

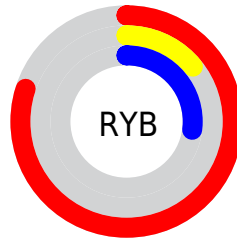
The Hex color **CC2345** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **23CCAA**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF6375**, and **8E001B** is the 20% darker color. If you saturate the color by 10%, you get **CC0F35**, and if you desaturate by 10%, it is **CC3755**.

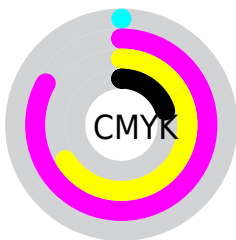
# Distribution



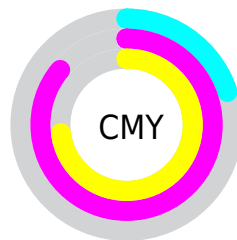
- Red (80%)
- Green (14%)
- Blue (27%)



- Red (80%)
- Yellow (14%)
- Blue (27%)



- Cyan (0%)
- Magenta (83%)
- Yellow (66%)
- Black (20%)



- Cyan (20%)
- Magenta (86%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC2345 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 CC2345 by changing the saturation by 10% instead.



 CC2345

 CC2345

FFFFFF

 AD002F

 FF6375

 8E001B

 FF808E

 700000

 FF9DA9

 510002

 FFBAC4

 340002

 FFD7E0

 000000

 FFF5FD

 CC2345

 CC2345

 CC0F35

 CC3755

 CC0029

 CC4C66

 CC6076

 CC7586

 CC8996

 CC9DA7

 CCB2B7

 CCC6C7

 CCD8D8

# Harmonies

## Analogous

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



C61F7E



CC2345



B74607

# Triad

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



CC2345



007D16



0077DD

# Complementary

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



CC2345



23CCA

# 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.



0080C4



CC2345



008256

# Square

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



CC2345



5B7300



008392



3263D7

# Rectangle

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



CC2345



9E5A00



008392



007BD8



# Sweetspot

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



CC2345



FFBFCC



A723CC



805961



000000



808080



# Same Dimension

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



CC2345



FF0335



CC5323



665C5E



A60021



260008



# Inverse Universe

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



CC2345



FF0335



239CCC



665C5E



A60021



260008



# Previews

## White Background



This preview shows how the Hex color CC2345 looks on a white background.

## Color Contrast Check

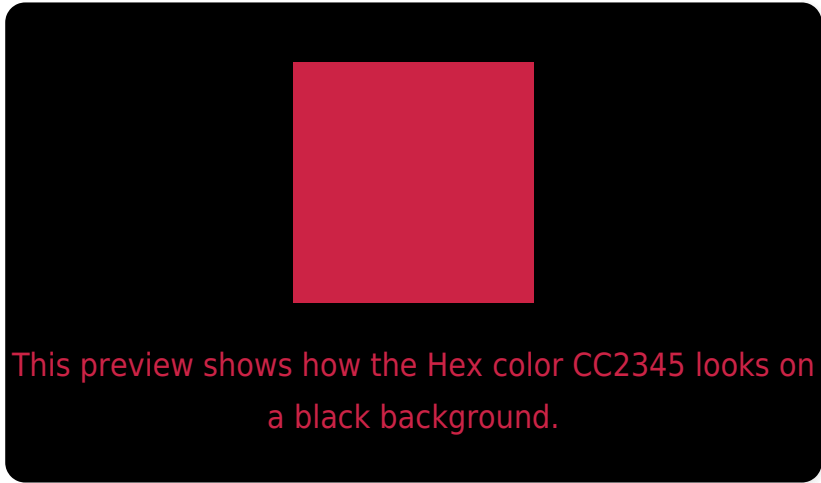
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC2345 Background



This preview shows how black text looks on a background with the Hex color CC2345.

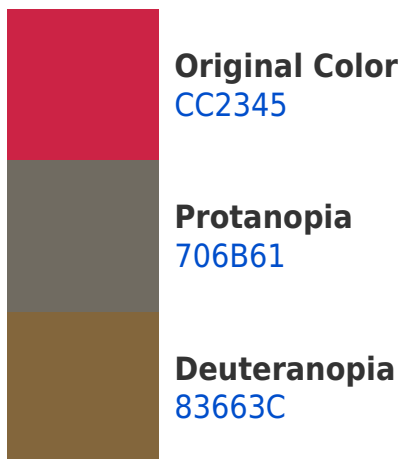


This preview shows how white text looks on a background with the Hex color CC2345.

# Color Blindness Simulation

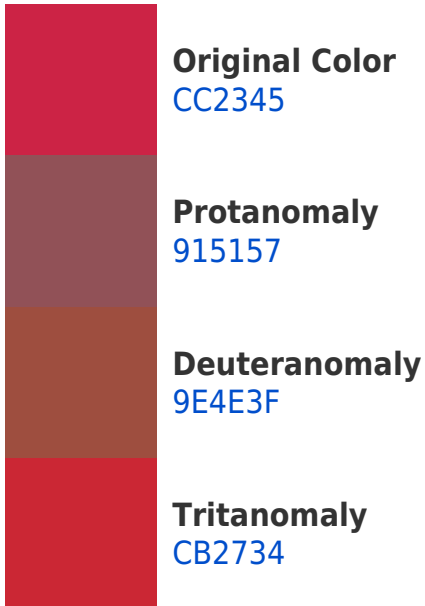
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC2345 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 #CC2345 looks like.

```
.text, #text, p{  
    color:#CC2345  
}
```

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 #CC2345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC2345
}
```

## Border

The CSS property to change the border of an element to Hex CC2345 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
#CC2345 }
```

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

```
.border{ border-color:#CC2345 }
```

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

Here you see how a box with a 4 pixel #CC2345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC2345; -webkit-box-shadow:4px 4px  
4px 4px #CC2345; box-shadow:4px 4px 4px  
4px #CC2345 }
```

# Background

The CSS property to change the background color of an element to Hex CC2345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC2345 }
```

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

```
.background{ background-color:#CC2345 }
```

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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