

# Converting Colors

Hex(CC3B63)

Have a look what the booklet for  
Hex(CC3B63) contains.

<b>Hex(CC3B63)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(CC3B63)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC3B63
RGB	204, 59, 99
RGB Percent	80%, 23%, 39%
CMY	0.2000, 0.7686, 0.6118
CMYK	0.00, 0.71, 0.51, 0.20
HSL	343°, 59%, 52%
HSV	343°, 71%, 80%
XYZ	28.7179, 16.8662, 13.5463
YIQ	106.9150, 73.5800, 43.1800

# Conversions

## Conversions Part 2

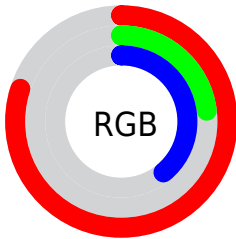
<b>Format</b>	<b>Color</b>
<b>RYB</b>	204, 59, 99
Decimal	13384547
CIELab	48.09, 59.26, 10.66
CIElCh	48, 60.209, 10.197
Yxy	16.8662, 0.4857, 0.2852
Android (android.graphics.Color)	4291574627 (0xFFCC3B63)
YUV	106.9150, -3.9021, 85.1435
Hunter-Lab	41.0684, 52.9501, 9.1913

# Details

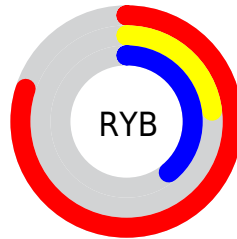
The Hex color **CC3B63** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **3BCCA4**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF7495**, and **900035** is the 20% darker color. If you saturate the color by 10%, you get **CC2754**, and if you desaturate by 10%, it is **CC4F72**.

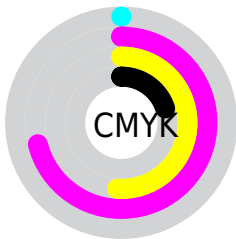
# Distribution



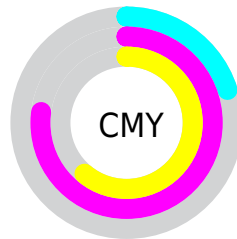
- Red (80%)
- Green (23%)
- Blue (39%)



- Red (80%)
- Yellow (23%)
- Blue (39%)



- Cyan (0%)
- Magenta (71%)
- Yellow (51%)
- Black (20%)



- Cyan (20%)
- Magenta (77%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC3B63 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 CC3B63 by changing the saturation by 10% instead.



 CC3B63

 CC3B63

FFFFFF

 AE184B

 FF7495

 900035

 FF90B0

 720020

 FFADCB

 560008

 FFCAE8

 3A0002

 FFE7FF

 120000

 000000

 CC3B63

 CC3B63

 CC2754

 CC4F72

 CC1245

 CC6481

 CC0038

 CC788F

 CC8D9E

 CCA1AD

 CCB5BC

 CCCACA

 CCDED9

 CCF3E8

# Harmonies

## Analogous

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



BB4496



CC3B63



C24C33

# Triad

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



CC3B63



418119



0081D2

# Complementary

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



CC3B63



3BCCA4

# 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.



0088B3



CC3B63



00874E

# Square

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



CC3B63



7A7500



008983



0073D7

# Rectangle

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



CC3B63



B05C12



008983



0084CA



# Sweetspot

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



CC3B63



FFC9D8



A33BCC



806068



000000



808080



# Same Dimension

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



CC3B63



FF2662



CC5A3B



665C5F



A6002E



26000B



# Inverse Universe

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



CC3B63



FF2662



3BADCC



665C5F



A6002E



26000B



# Previews

## White Background



This preview shows how the Hex color CC3B63 looks on a white background.

## Color Contrast Check

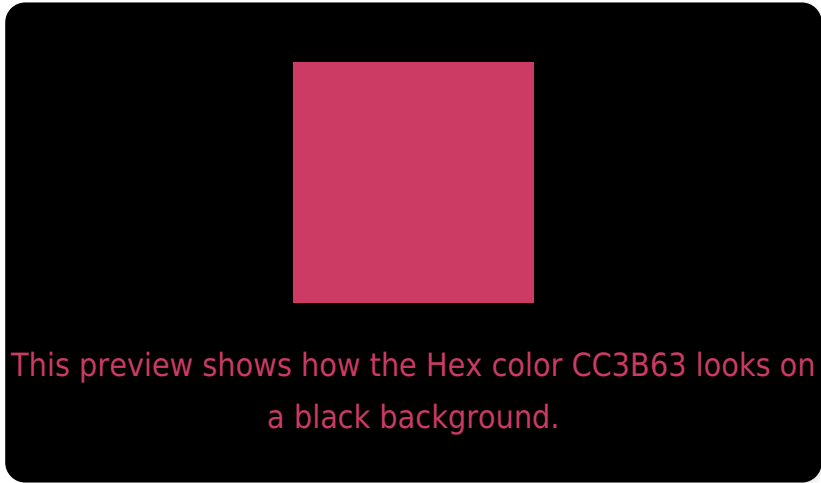
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC3B63 Background



This preview shows how black text looks on a background with the Hex color CC3B63.



This preview shows how white text looks on a background with the Hex color CC3B63.

# 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**  
CC3B63

**Protanopia**  
717280

**Deuteranopia**  
866E5C



# Trichromacy



**Original Color**  
CC3B63

**Protanomaly**  
925E75

**Deuteranomaly**  
9F5B5F

**Tritanomaly**  
CB3F50

# Monochromacy



**Original Color**  
CC3B63

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
8E5A68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC3B63 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 #CC3B63 looks like.

```
.text, #text, p{  
    color:#CC3B63  
}
```

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 #CC3B63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC3B63
}
```

## Border

The CSS property to change the border of an element to Hex CC3B63 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
#CC3B63 }
```

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

```
.border{ border-color:#CC3B63 }
```

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

Here you see how a box with a 4 pixel #CC3B63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC3B63; -webkit-box-shadow:4px 4px  
4px 4px #CC3B63; box-shadow:4px 4px 4px  
4px #CC3B63 }
```

# Background

The CSS property to change the background color of an element to Hex CC3B63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC3B63 }
```

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

```
.background{ background-color:#CC3B63 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor