

# Converting Colors

Hex(CD3355)

Have a look what the booklet for  
Hex(CD3355) contains.

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# Color

**Hex(CD3355)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD3355
RGB	205, 51, 85
RGB Percent	80%, 20%, 33%
CMY	0.1961, 0.8000, 0.6667
CMYK	0.00, 0.75, 0.59, 0.20
HSL	347°, 61%, 50%
HSV	347°, 75%, 80%
XYZ	28.0004, 16.0027, 10.2074
YIQ	100.9220, 80.8700, 43.2220

# Conversions

## Conversions Part 2

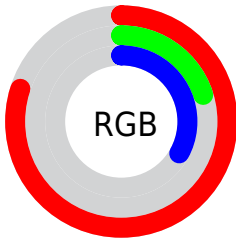
Format	Color
<a href="#">RYB</a>	205, 51, 85
Decimal	13448021
CIELab	46.98, 61.24, 17.73
CIElCh	47, 63.752, 16.146
Yxy	16.0027, 0.5165, 0.2952
Android (android.graphics.Color)	4291638101 (0xFFCD3355)
YUV	100.9220, -7.8495, 91.2764
Hunter-Lab	40.0033, 54.9354, 12.8737

# Details

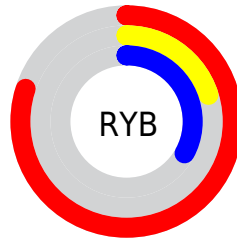
The Hex color **CD3355** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **33CDAB**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF6E86**, and **900029** is the 20% darker color. If you saturate the color by 10%, you get **CD1E45**, and if you desaturate by 10%, it is **CD4765**.

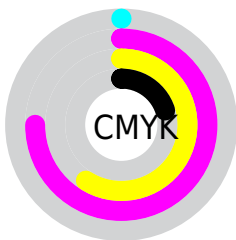
# Distribution



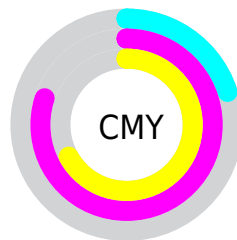
- Red (80%)
- Green (20%)
- Blue (33%)



- Red (80%)
- Yellow (20%)
- Blue (33%)



- Cyan (0%)
- Magenta (75%)
- Yellow (59%)
- Black (20%)



- Cyan (20%)
- Magenta (80%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD3355 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 CD3355 by changing the saturation by 10% instead.



 CD3355

 CD3355

FFFFFF

 AE073E

 FF6E86

 900029

 FF8AA0

 720015

 FFA7BB

 540001

 FFC4D7

 380002

 FFE1F3

 0D0000

 000000

 CD3355

 CD3355

 CD1E45

 CD4765

 CD0A35

 CD5C75

 CD002D

 CD7085

 CD8595

 CD99A5

 CDAEB5

 CDC3C5

 CDD7D5

 CDEBE5

# Harmonies

## Analogous

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



C2378B



CD3355



BE4B22

# Triad

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



CD3355



25801B



007DD8

# Complementary

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



CD3355



33CDAB

# 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.



0085BC



CD3355



008654

# Square

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



CD3355



6C7600



00878C



246CD7

# Rectangle

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



CD3355



A85C00



00878C



0080D2



# Sweetspot

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



CD3355



FFC4D1



A933CD



805C64



000000



808080



# Same Dimension

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



CD3355



FF194C



CD5C33



665C5E



A60025



260008



# Inverse Universe

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



CD3355



FF194C



33A4CD



665C5E



A60025

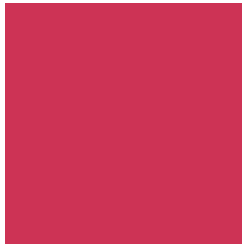


260008



# Previews

## White Background



This preview shows how the Hex color CD3355 looks on a white background.

## Color Contrast Check

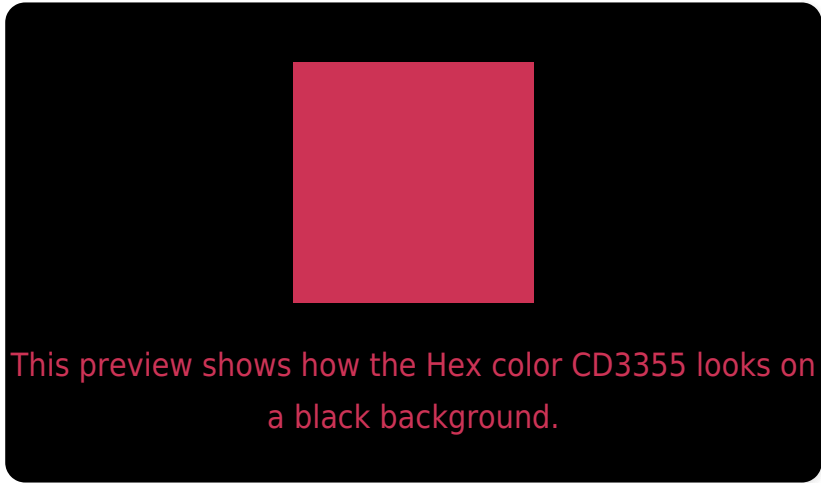
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD3355 Background



This preview shows how black text looks on a background with the Hex color CD3355.



This preview shows how white text looks on a background with the Hex color CD3355.

# 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**  
CD3355

**Protanopia**  
727071

**Deuteranopia**  
866B4D



# Trichromacy



**Original Color**  
CD3355

**Protanomaly**  
935A67

**Deuteranomaly**  
A05750

**Tritanomaly**  
CC3744

# Monochromacy



**Original Color**  
CD3355

**Achromatopsia**  
656565

**Achromatomaly**  
8B535F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD3355 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 #CD3355 looks like.

```
.text, #text, p{  
    color:#CD3355  
}
```

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 #CD3355 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD3355
}
```

## Border

The CSS property to change the border of an element to Hex CD3355 is called "border". The border property can be set on classes, ids or directly on the HTML element.

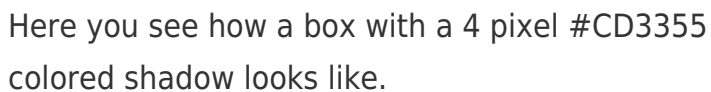
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CD3355 }
```

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

```
.border{ border-color:#CD3355 }
```

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



Here you see how a box with a 4 pixel `#CD3355` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD3355; -webkit-box-shadow:4px 4px  
4px 4px #CD3355; box-shadow:4px 4px 4px  
4px #CD3355 }
```

# Background

The CSS property to change the background color of an element to Hex CD3355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD3355 }
```

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

```
.background{ background-color:#CD3355 }
```

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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