

# Converting Colors

Hex(DD0C37)

Have a look what the booklet for  
Hex(DD0C37) contains.

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**Color**

**Hex(DD0C37)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DD0C37
RGB	221, 12, 55
RGB Percent	87%, 5%, 22%
CMY	0.1333, 0.9529, 0.7843
CMYK	0.00, 0.95, 0.75, 0.13
HSL	348°, 90%, 46%
HSV	348°, 95%, 87%
XYZ	30.6399, 15.9109, 5.0706
YIQ	79.3930, 110.7610, 57.6810

# Conversions

## Conversions Part 2

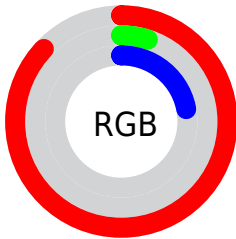
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 12, 55
Decimal	14486583
CIE Lab	46.86, 71.90, 36.42
CIE LCh	47, 80.596, 26.864
Yxy	15.9109, 0.5935, 0.3082
Android (android.graphics.Color)	4292676663 (0xFFDD0C37)
YUV	79.3930, -12.0257, 124.1893
Hunter-Lab	39.8885, 67.3076, 20.3850

# Details

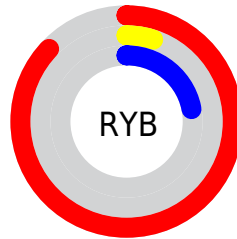
The Hex color **DD0C37** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **0CDDDB2**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FF5D66**, and **9D000D** is the 20% darker color. If you saturate the color by 10%, you get **DD002D**, and if you desaturate by 10%, it is **DD2249**.

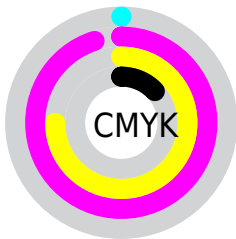
# Distribution



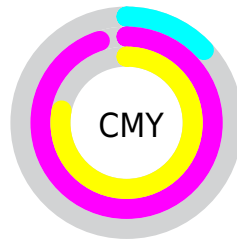
- Red (87%)
- Green (5%)
- Blue (22%)



- Red (87%)
- Yellow (5%)
- Blue (22%)



- Cyan (0%)
- Magenta (95%)
- Yellow (75%)
- Black (13%)



- Cyan (13%)
- Magenta (95%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD0C37 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 DD0C37 by changing the saturation by 10% instead.



 DD0C37

 DD0C37

FFFFFF

 BD0022

 FF5D66

 9D000D

 FF7B7F

 7D0000

 FF9899

 5D0002

 FFB6B4

 400003

 FFD4CF

 1D0001

 FFF2EC

 000000

 DD0C37

 DD0C37

 DD002D

 DD2249

 DD385A

 DD4E6C

 DD647D

 DD7B8F

 DD91A0

 DDA7B2

 DDBDC3

 DDD3D5

# Harmonies

## Analogous

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



DE0079



DD0C37



BF4A00

# Triad

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



DD0C37



008618



007BF9

# Complementary

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



DD0C37



0CDDB2

# 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.



0087E1



DD0C37



008A66

# Square

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



DD0C37



4B7D00



008BAB



4D60EA

# Rectangle

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



DD0C37



A06100



008BAB



0080F5



# Sweetspot

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



DD0C37



FFB8C6



B00CDD



80545D



000000



808080



# Same Dimension

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



DD0C37



FF0034



DD470C



6E6365



AD0024



2E0009



# Inverse Universe

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



DD0C37



FF0034



0CA2DD



6E6365



AD0024



2E0009



# Previews

## White Background



This preview shows how the Hex color DD0C37 looks on a white background.

## Color Contrast Check

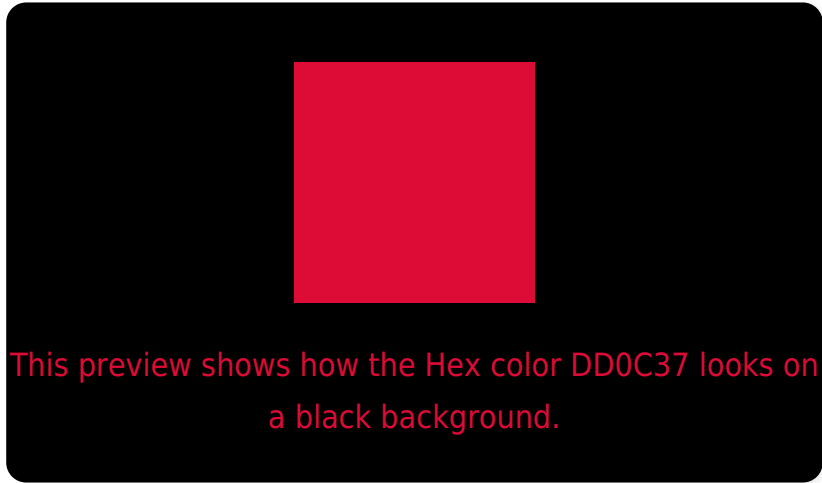
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD0C37 Background



This preview shows how black text looks on a background with the Hex color DD0C37.



This preview shows how white text looks on a background with the Hex color DD0C37.

# 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**  
DD0C37

**Protanopia**  
797053

**Deuteranopia**  
8C6B2A



# Trichromacy



**Original Color**  
DD0C37



**Protanomaly**  
9D4C49



**Deuteranomaly**  
A9482F



**Tritanomaly**  
DC141F

# Monochromacy



**Original Color**  
DD0C37



**Achromatopsia**  
4F4F4F



**Achromatomaly**  
833746

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD0C37 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 #DD0C37 looks like.

```
.text, #text, p{  
    color:#DD0C37  
}
```

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 #DD0C37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD0C37
}
```

## Border

The CSS property to change the border of an element to Hex DD0C37 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
#DD0C37 }
```

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

```
.border{ border-color:#DD0C37 }
```

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

Here you see how a box with a 4 pixel #DD0C37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD0C37; -webkit-box-shadow:4px 4px  
4px 4px #DD0C37; box-shadow:4px 4px 4px  
4px #DD0C37 }
```

# Background

The CSS property to change the background color of an element to Hex DD0C37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD0C37 }
```

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

```
.background{ background-color:#DD0C37 }
```

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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