

Converting Colors

Hex(DD0B39)

Have a look what the booklet for
Hex(DD0B39) contains.

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Color

Hex(DD0B39)

Conversions

Conversions Part 1

Format	Color
Hex	DD0B39
RGB	221, 11, 57
RGB Percent	87%, 4%, 22%
CMY	0.1333, 0.9569, 0.7765
CMYK	0.00, 0.95, 0.74, 0.13
HSL	347°, 91%, 45%
HSV	347°, 95%, 87%
XYZ	30.6770, 15.9069, 5.3244
YIQ	79.0340, 110.3940, 58.8260

Conversions

Conversions Part 2

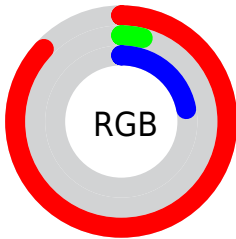
Format	Color
RYB	221, 11, 57
Decimal	14486329
CIELab	46.85, 72.06, 35.23
CIElCh	47, 80.211, 26.054
Yxy	15.9069, 0.5910, 0.3064
Android (android.graphics.Color)	4292676409 (0xFFDD0B39)
YUV	79.0340, -10.8628, 124.5042
Hunter-Lab	39.8835, 67.5000, 20.0033

Details

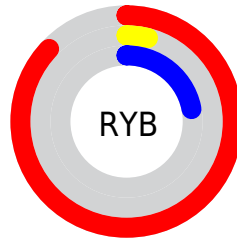
The Hex color **DD0B39** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **0BDDAF**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FF5C68**, and **9D0010** is the 20% darker color. If you saturate the color by 10%, you get **DD0030**, and if you desaturate by 10%, it is **DD214A**.

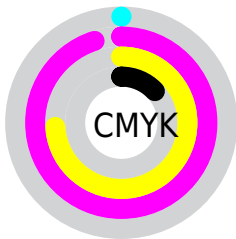
Distribution



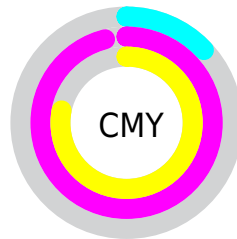
- Red (87%)
- Green (4%)
- Blue (22%)



- Red (87%)
- Yellow (4%)
- Blue (22%)



- Cyan (0%)
- Magenta (95%)
- Yellow (74%)
- Black (13%)



- Cyan (13%)
- Magenta (96%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD0B39 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 DD0B39 by changing the saturation by 10% instead.

 DD0B39

 DD0B39

FFFFFF

 BD0024

 FF5C68

 9D0010

 FF7B81

 7D0000

 FF989B

 5D0002

 FFB6B6

 400003

 FFD4D2

 1D0001

 FFF2EE

 000000

 DD0B39

 DD0B39

 DD0030

 DD214A

 DD375C

 DD4D6D

 DD637E

 DD7A8F

 DD90A1

 DDA6B2

 DDBCC3

 DDD2D4

Harmonies

Analogous

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



DD007B



DD0B39



C04900

Triad

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



DD0B39



008616



007BF8

Complementary

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



DD0B39



0BDDAF

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.



0087E0



DD0B39



008A64

Square

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



DD0B39



4D7C00



008BA9



4861EA

Rectangle

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



DD0B39



A16100



008BA9



0080F4

Sweetspot

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



DD0B39



FFB5C5



AC0BDD



80535D



000000



808080

Same Dimension

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



DD0B39



FF0038



DD430B



6E6365



AD0026



2E000A

Inverse Universe

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



DD0B39



FF0038



0BA5DD



6E6365



AD0026



2E000A

Previews

White Background



This preview shows how the Hex color DD0B39 looks on a white background.

Color Contrast Check

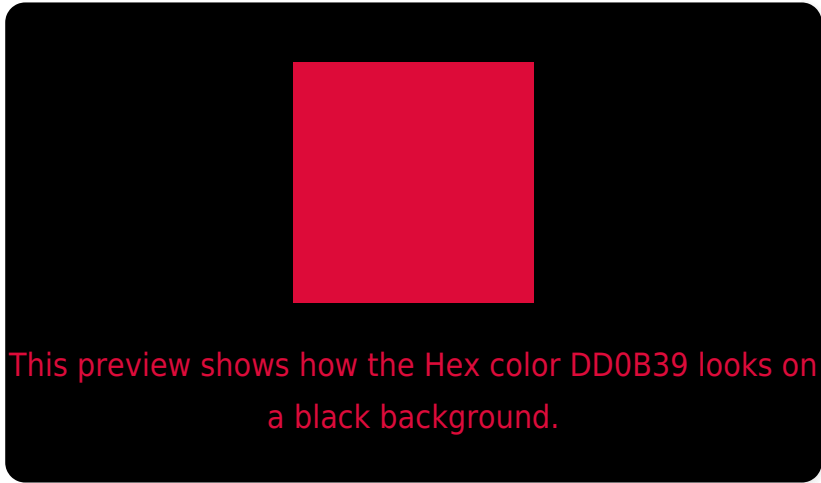
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD0B39 Background



This preview shows how black text looks on a background with the Hex color DD0B39.



This preview shows how white text looks on a background with the Hex color DD0B39.

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
DD0B39

Protanopia
787055

Deuteranopia
8C6B2D

Trichromacy



Original Color
DD0B39



Protanomaly
9D4B4B



Deuteranomaly
A94831



Tritanomaly
DC1421

Monochromacy



Original Color
DD0B39



Achromatopsia
4F4F4F



Achromatomaly
833647

CSS Examples

Text

The CSS property to change the color of the text to Hex DD0B39 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 #DD0B39 looks like.

```
.text, #text, p{  
    color:#DD0B39  
}
```

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 #DD0B39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD0B39
}
```

Border

The CSS property to change the border of an element to Hex DD0B39 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".

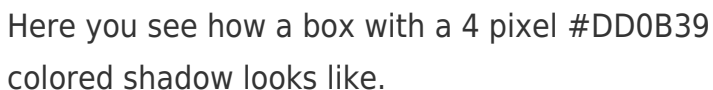
```
.border, #border, table{ border:4px solid
#DD0B39 }
```

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

```
.border{ border-color:#DD0B39 }
```

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

Here you see how a box with a 4 pixel #DD0B39 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD0B39; -webkit-box-shadow:4px 4px  
4px 4px #DD0B39; box-shadow:4px 4px 4px  
4px #DD0B39 }
```

Background

The CSS property to change the background color of an element to Hex DD0B39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD0B39 }
```

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

```
.background{ background-color:#DD0B39 }
```

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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