

Converting Colors

Hex(DD0047)

Have a look what the booklet for
Hex(DD0047) contains.

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Color

Hex(DD0047)

Conversions

Conversions Part 1

Format	Color
Hex	DD0047
RGB	221, 0, 71
RGB Percent	87%, 0%, 28%
CMY	0.1333, 1.0000, 0.7216
CMYK	0.00, 1.00, 0.68, 0.13
HSL	341°, 100%, 43%
HSV	341°, 100%, 87%
XYZ	30.9561, 15.8271, 7.3846
YIQ	74.1730, 108.9250, 68.9330

Conversions

Conversions Part 2

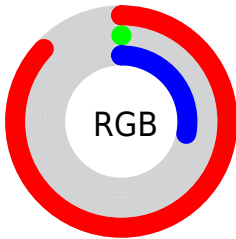
Format	Color
RYB	221, 0, 71
Decimal	14483527
CIELab	46.75, 73.55, 26.62
CIELCh	47, 78.221, 19.898
Yxy	15.8271, 0.5715, 0.2922
Android (android.graphics.Color)	4292673607 (0xFFDD0047)
YUV	74.1730, -1.5643, 128.7673
Hunter-Lab	39.7833, 69.2736, 16.8428

Details

The Hex color **DD0047** 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 **00DD96**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **FF5A77**, and **9D001D** is the 20% darker color. If you saturate the color by 10%, you get **DD0047**, and if you desaturate by 10%, it is **DD1656**.

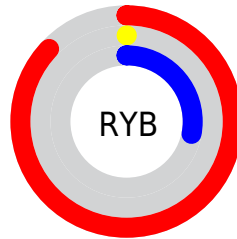
Distribution



Red (87%)

Green (0%)

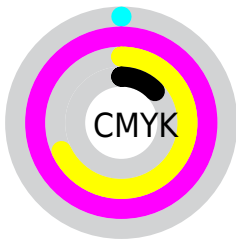
Blue (28%)



Red (87%)

Yellow (0%)

Blue (28%)

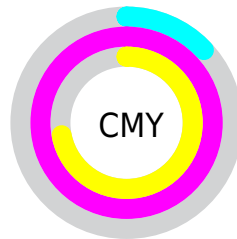


Cyan (0%)

Magenta (100%)

Yellow (68%)

Black (13%)



Cyan (13%)

Magenta (100%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD0047 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 DD0047 by changing the saturation by 10% instead.

 DD0047

 DD0047

FFFFFF

 BD0031

 FF5A77

 9D001D

 FF7991

 7E0004

 FF97AB

 5E0002

 FFB4C6

 410003

 FFD2E2

 1E0001

 FFF0FF

 000000

 DD0047

 DD1656

 DD2C65

 DD4274

 DD5883

 DD6F92

 DD85A1

 DD9BB0

 DDB1BF

 DDC7CE

Harmonies

Analogous

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



D50088



DD0047



C64200

Triad

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



DD0047



008400



007EF2

Complementary

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



DD0047



00DD96

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.



0088D3



DD0047



008956

Square

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



DD0047



5E7900



008A9A



0068EC

Rectangle

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



DD0047



AA5A00



008A9A



0082EC

Sweetspot

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



DD0047



FFB3CB



9300DD



805260



000000



808080

Same Dimension

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



DD0047



FF0052



DD2500



6E6366



AD0038



2E000F

Inverse Universe

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



DD0047



FF0052



00B8DD



6E6366



AD0038



2E000F

Previews

White Background



This preview shows how the Hex color DD0047 looks on a white background.

Color Contrast Check

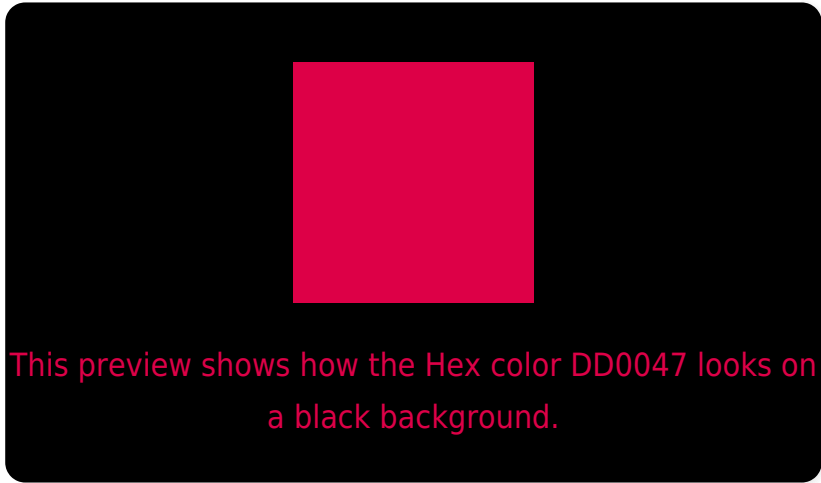
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD0047 Background



This preview shows how black text looks on a background with the Hex color DD0047.



This preview shows how white text looks on a background with the Hex color DD0047.

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
DD0047

Protanopia
757069

Deuteranopia
8A6C3D

Trichromacy



Original Color
DD0047



Protanomaly
9B475D



Deuteranomaly
A84541



Tritanomaly
DC1229

Monochromacy



Original Color
DD0047



Achromatopsia
4A4A4A



Achromatomaly
7F2F49

CSS Examples

Text

The CSS property to change the color of the text to Hex DD0047 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 #DD0047 looks like.

```
.text, #text, p{  
    color:#DD0047  
}
```

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 #DD0047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD0047
}
```

Border

The CSS property to change the border of an element to Hex DD0047 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
#DD0047 }
```

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

```
.border{ border-color:#DD0047 }
```

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

Here you see how a box with a 4 pixel #DD0047 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD0047; -webkit-box-shadow:4px 4px  
4px 4px #DD0047; box-shadow:4px 4px 4px  
4px #DD0047 }
```

Background

The CSS property to change the background color of an element to Hex DD0047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD0047 }
```

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

```
.background{ background-color:#DD0047 }
```

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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