

Converting Colors

Hex(DD0042)

Have a look what the booklet for
Hex(DD0042) contains.

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Color

Hex(DD0042)

Conversions

Conversions Part 1

Format	Color
Hex	DD0042
RGB	221, 0, 66
RGB Percent	87%, 0%, 26%
CMY	0.1333, 1.0000, 0.7412
CMYK	0.00, 1.00, 0.70, 0.13
HSL	342°, 100%, 43%
HSV	342°, 100%, 87%
XYZ	30.8022, 15.7655, 6.5738
YIQ	73.6030, 110.5300, 67.3780

Conversions

Conversions Part 2

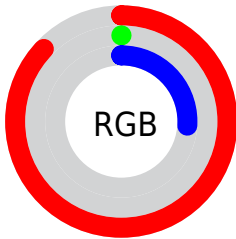
Format	Color
RYB	221, 0, 66
Decimal	14483522
CIELab	46.67, 73.33, 29.58
CIELCh	47, 79.073, 21.970
Yxy	15.7655, 0.5796, 0.2967
Android (android.graphics.Color)	4292673602 (0xFFDD0042)
YUV	73.6030, -3.7483, 129.2672
Hunter-Lab	39.7058, 68.9880, 17.9778

Details

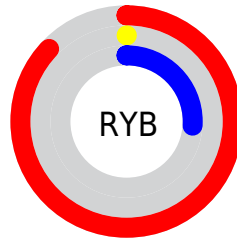
The Hex color **DD0042** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00DD9B**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **FF5A72**, and **9D0018** is the 20% darker color. If you saturate the color by 10%, you get **DD0042**, and if you desaturate by 10%, it is **DD1652**.

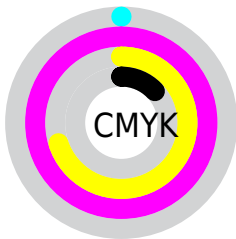
Distribution



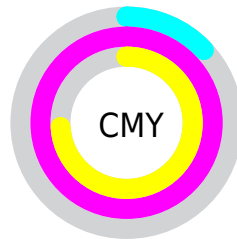
- Red (87%)
- Green (0%)
- Blue (26%)



- Red (87%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (70%)
- Black (13%)



- Cyan (13%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD0042 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 DD0042 by changing the saturation by 10% instead.

 DD0042

 DD0042

FFFFFF

 BD002C

 FF5A72

 9D0018

 FF798B

 7E0000

 FF96A5

 5E0002

 FFB4C0

 400003

 FFD2DC

 1D0001

 FFF0F9

 000000

 DD0042

 DD1652

 DD2C61

 DD4271

 DD5880

 DD6F90

 DD859F

 DD9BAF

 DDB1BE

 DDC7CE

Harmonies

Analogous

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



D80083



DD0042



C44400

Triad

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



DD0042



008406



007DF4

Complementary

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



DD0042



00DD9B

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.



0087D8



DD0042



00895A

Square

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



DD0042



587A00



008A9F



2265EC

Rectangle

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



DD0042



A75C00



008A9F



0081EF

Sweetspot

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



DD0042



FFB3C9



9B00DD



80525F



000000



808080

Same Dimension

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



DD0042



FF004C



DD2C00



6E6366



AD0034



2E000E

Inverse Universe

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



DD0042



FF004C



00B1DD



6E6366



AD0034



2E000E

Previews

White Background



This preview shows how the Hex color DD0042 looks on a white background.

Color Contrast Check

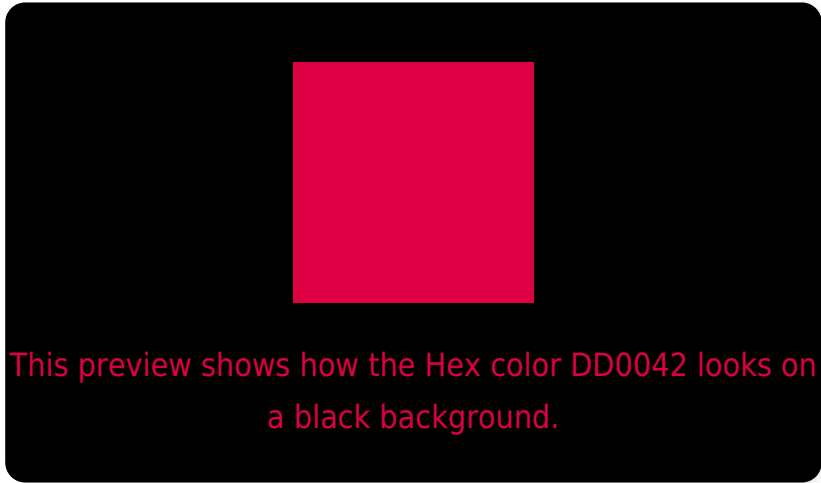
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD0042 Background



This preview shows how black text looks on a background with the Hex color DD0042.

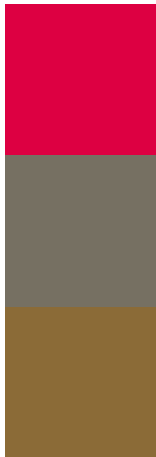


This preview shows how white text looks on a background with the Hex color DD0042.

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
DD0042

Protanopia
767062

Deuteranopia
8B6B37



Trichromacy



Original Color
DD0042



Protanomaly
9B4756



Deuteranomaly
A9443B



Tritanomaly
DC1126

Monochromacy



Original Color
DD0042



Achromatopsia
4A4A4A



Achromatomaly
7F2F47

CSS Examples

Text

The CSS property to change the color of the text to Hex DD0042 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 #DD0042 looks like.

```
.text, #text, p{  
    color:#DD0042  
}
```

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 #DD0042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD0042
}
```

Border

The CSS property to change the border of an element to Hex DD0042 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".

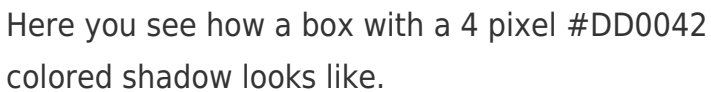
```
.border, #border, table{ border:4px solid
#DD0042 }
```

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

```
.border{ border-color:#DD0042 }
```

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

Here you see how a box with a 4 pixel #DD0042 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD0042; -webkit-box-shadow:4px 4px  
4px 4px #DD0042; box-shadow:4px 4px 4px  
4px #DD0042 }
```

Background

The CSS property to change the background color of an element to Hex DD0042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD0042 }
```

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

```
.background{ background-color:#DD0042 }
```

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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