

Converting Colors

Hex(DD002D)

Have a look what the booklet for
Hex(DD002D) contains.

Hex(DD002D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(DD002D)

Conversions

Conversions Part 1

Format	Color
Hex	DD002D
RGB	221, 0, 45
RGB Percent	87%, 0%, 18%
CMY	0.1333, 1.0000, 0.8235
CMYK	0.00, 1.00, 0.80, 0.13
HSL	348°, 100%, 43%
HSV	348°, 100%, 87%
XYZ	30.2924, 15.5616, 3.8897
YIQ	71.2090, 117.2710, 60.8470

Conversions

Conversions Part 2

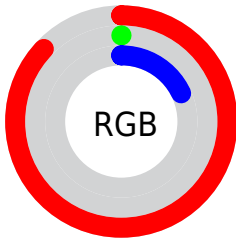
Format	Color
RYB	221, 0, 45
Decimal	14483501
CIELab	46.39, 72.60, 41.71
CIELCh	46, 83.723, 29.878
Yxy	15.5616, 0.6090, 0.3128
Android (android.graphics.Color)	4292673581 (0xFFDD002D)
YUV	71.2090, -12.9210, 131.3667
Hunter-Lab	39.4482, 68.0365, 21.7676

Details

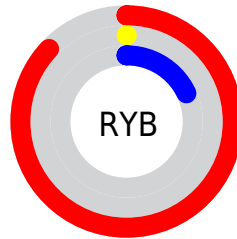
The Hex color **DD002D** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00DDB0**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FF5A5B**, and **9C0000** is the 20% darker color. If you saturate the color by 10%, you get **DD002D**, and if you desaturate by 10%, it is **DD163F**.

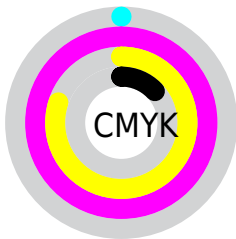
Distribution



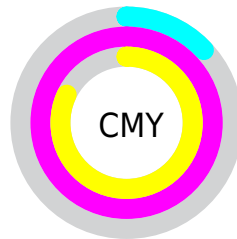
- Red (87%)
- Green (0%)
- Blue (18%)



- Red (87%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (80%)
- Black (13%)



- Cyan (13%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD002D 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 DD002D by changing the saturation by 10% instead.

 DD002D

 DD002D

FFFFFF

 BC0018

 FF5A5B

 9C0000

 FF7874

 7C0000

 FF968E

 5D0002

 FFB3A8

 3F0003

 FFD1C4

 1B0001

 FFEFE0

 000000

 FFFFFC

 DD002D

 DD163F

 DD2C50

 DD4262

 DD5873

 DD6F85

 DD8597

 DD9BA8

 DDB1BA

 DDC7CB

Harmonies

Analogous

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



E10072



DD002D



BB4B00

Triad

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



DD002D



00861D



0078FD

Complementary

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



DD002D



00DDB0

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.



0086E9



DD002D



00896C

Square

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



DD002D



3D7D00



008AB3



5A5BEA

Rectangle

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



DD002D



9A6300



008AB3



007EFB

Sweetspot

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



DD002D



FFB3C2



AD00DD



80525B



000000



808080

Same Dimension

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



DD002D



FF0034



DD3F00



6E6365



AD0023



2E0009

Inverse Universe

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



DD002D



FF0034



009EDD



6E6365



AD0023



2E0009

Previews

White Background



This preview shows how the Hex color DD002D looks on a white background.

Color Contrast Check

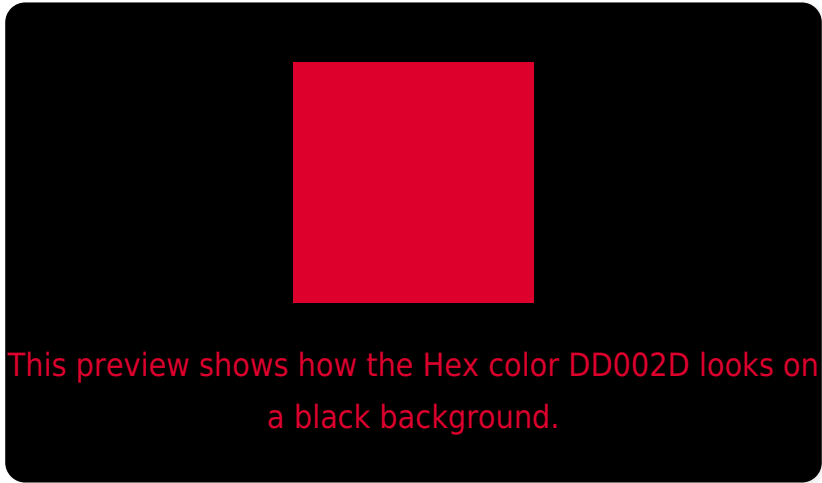
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD002D Background



This preview shows how black text looks on a background with the Hex color DD002D.

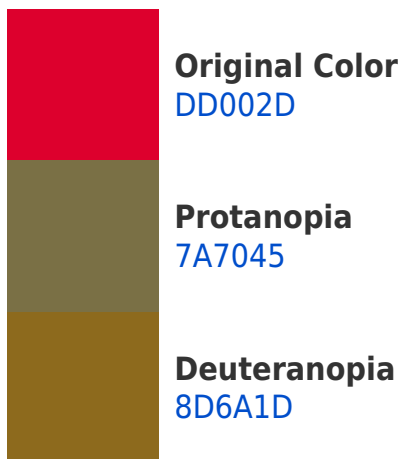


This preview shows how white text looks on a background with the Hex color DD002D.

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



Trichromacy



Original Color
DD002D



Protanomaly
9E473C



Deuteranomaly
AA4323

Monochromacy



Original Color
DD002D



Achromatopsia
474747



Achromatomaly
7E2D3E

CSS Examples

Text

The CSS property to change the color of the text to Hex DD002D 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 #DD002D looks like.

```
.text, #text, p{  
    color:#DD002D  
}
```

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 #DD002D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD002D
}
```

Border

The CSS property to change the border of an element to Hex DD002D 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".

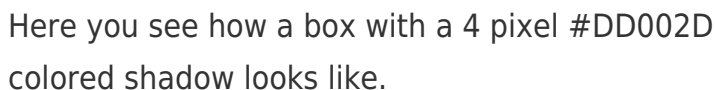
```
.border, #border, table{ border:4px solid
#DD002D }
```

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

```
.border{ border-color:#DD002D }
```

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

Here you see how a box with a 4 pixel #DD002D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD002D; -webkit-box-shadow:4px 4px  
4px 4px #DD002D; box-shadow:4px 4px 4px  
4px #DD002D }
```

Background

The CSS property to change the background color of an element to Hex DD002D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD002D }
```

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

```
.background{ background-color:#DD002D }
```

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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