

Converting Colors

Hex(DD000F)

Have a look what the booklet for
Hex(DD000F) contains.

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Color

Hex(DD000F)

Conversions

Conversions Part 1

Format	Color
Hex	DD000F
RGB	221, 0, 15
RGB Percent	87%, 0%, 6%
CMY	0.1333, 1.0000, 0.9412
CMYK	0.00, 1.00, 0.93, 0.13
HSL	356°, 100%, 43%
HSV	356°, 100%, 87%
XYZ	29.9050, 15.4066, 1.8495
YIQ	67.7890, 126.9010, 51.5170

Conversions

Conversions Part 2

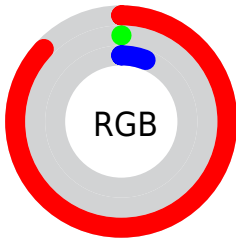
Format	Color
RYB	221, 0, 15
Decimal	14483471
CIELab	46.19, 72.03, 55.81
CIElCh	46, 91.118, 37.767
Yxy	15.4066, 0.6341, 0.3267
Android (android.graphics.Color)	4292673551 (0xFFDD000F)
YUV	67.7890, -26.0250, 134.3660
Hunter-Lab	39.2513, 67.3069, 24.6821

Details

The Hex color **DD000F** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **00DDCE**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **FF5940**, and **9B0000** is the 20% darker color. If you saturate the color by 10%, you get **DD000F**, and if you desaturate by 10%, it is **DD1624**.

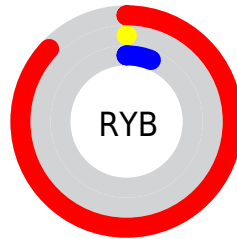
Distribution



Red (87%)

Green (0%)

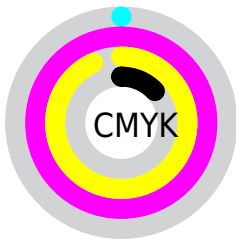
Blue (6%)



Red (87%)

Yellow (0%)

Blue (6%)

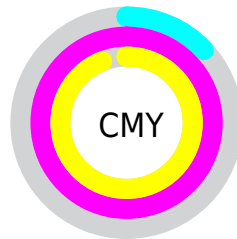


Cyan (0%)

Magenta (100%)

Yellow (93%)

Black (13%)



Cyan (13%)

Magenta (100%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD000F 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 DD000F by changing the saturation by 10% instead.

 DD000F

 DD000F

FFFFFFC

 BC0000

 FF5940

 9B0000

 FF7759

 7B0000

 FF9572

 5B0002

 FFB38C

 3E0003

 FFD0A7

 190001

 FFEEC3

 000000

 FFFFDF

 DD000F

 DD1624

 DD2C38

 DD424D

 DD5861

 DD6F76

 DD858B

 DD9B9F

 DDB1B4

 DDC7C8

Harmonies

Analogous

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



EC005E



DD000F



B25200

Triad

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



DD000F



00882D



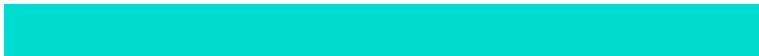
0073FF

Complementary

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



DD000F



00DDCE

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.



0085FD



DD000F



008B80

Square

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



DD000F



008100



008BCB



7E4BE9

Rectangle

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



DD000F



8B6900



008BCB



007BFF

Sweetspot

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



DD000F



FFB3B8



CB00DD



805255



000000



808080

Same Dimension

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



DD000F



FF0011



DD5C00



6E6363



AD000C



2E0003

Inverse Universe

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



DD000F



FF0011



0081DD



6E6363



AD000C



2E0003

Previews

White Background



This preview shows how the Hex color DD000F looks on a white background.

Color Contrast Check

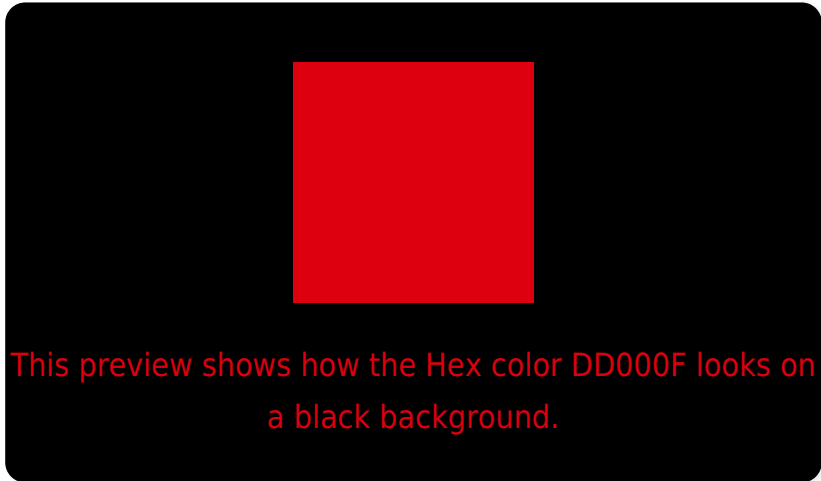
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD000F Background



This preview shows how black text looks on a background with the Hex color DD000F.



This preview shows how white text looks on a background with the Hex color DD000F.

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
DD000F

Protanopia
7D7023

Deuteranopia
8D6A00

Trichromacy



Original Color
DD000F



Protanomaly
A0471C



Deuteranomaly
AA4305



Tritanomaly
DC0D05

Monochromacy



Original Color
DD000F



Achromatopsia
444444



Achromatomaly
7C2B31

CSS Examples

Text

The CSS property to change the color of the text to Hex DD000F 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 #DD000F looks like.

```
.text, #text, p{  
    color:#DD000F  
}
```

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 #DD000F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD000F
}
```

Border

The CSS property to change the border of an element to Hex DD000F 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".

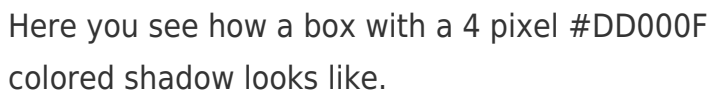
```
.border, #border, table{ border:4px solid
#DD000F }
```

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

```
.border{ border-color:#DD000F }
```

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

Here you see how a box with a 4 pixel #DD000F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD000F; -webkit-box-shadow:4px 4px  
4px 4px #DD000F; box-shadow:4px 4px 4px  
4px #DD000F }
```

Background

The CSS property to change the background color of an element to Hex DD000F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD000F }
```

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

```
.background{ background-color:#DD000F }
```

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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