

Converting Colors

Hex(DD0000)

Have a look what the booklet for
Hex(DD0000) contains.

Hex(DD0000)	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>	29

Color

Hex(DD0000)

Conversions

Conversions Part 1

Format	Color
Hex	DD0000
RGB	221, 0, 0
RGB Percent	87%, 0%, 0%
CMY	0.1333, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.13
HSL	0°, 100%, 43%
HSV	0°, 100%, 87%
XYZ	29.8188, 15.3722, 1.3955
YIQ	66.0790, 131.7160, 46.8520

Conversions

Conversions Part 2

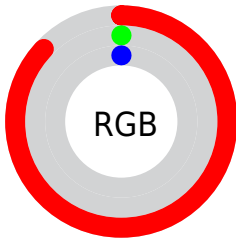
Format	Color
RYB	221, 0, 0
Decimal	14483456
CIELab	46.14, 71.90, 60.33
CIELCh	46, 93.861, 40.000
Yxy	15.3722, 0.6401, 0.3300
Android (android.graphics.Color)	4292673536 (0xFFDD0000)
YUV	66.0790, -32.5769, 135.8657
Hunter-Lab	39.2073, 67.1438, 25.3348

Details

The Hex color **DD0000** 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 **00DDDD**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **FF5937**, and **9B0000** is the 20% darker color. If you saturate the color by 10%, you get **DD0000**, and if you desaturate by 10%, it is **DD1616**.

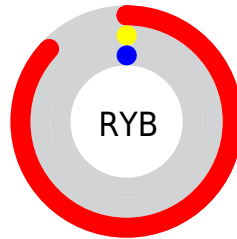
Distribution



Red (87%)

Green (0%)

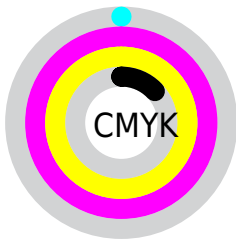
Blue (0%)



Red (87%)

Yellow (0%)

Blue (0%)

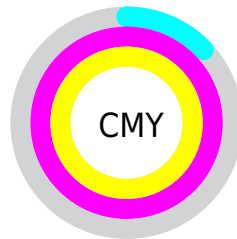


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD0000 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 DD0000 by changing the saturation by 10% instead.

 DD0000

 DD0000

 FFFFF2

 BC0000

 FF5937

 9B0000

 FF774F

 7B0000

 FF9569

 5B0002

 FFB283

 3D0003

 FFD09E

 190001

 FFEEB9

 000000

 FFFF5D

 DD0000

 DD1616

 DD2C2C

 DD4242

 DD5858

 DD6F6F

 DD8585

 DD9B9B

 DDB1B1

 DDC7C7

Harmonies

Analogous

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



EF0057



DD0000



AF5400

Triad

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



DD0000



008832



0071FF

Complementary

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



DD0000



00DDDD

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.



0085FF



DD0000



008B87

Square

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



DD0000



008200



008BD2



8845E8

Rectangle

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



DD0000



866B00



008BD2



0079FF

Sweetspot

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



DD0000



FFB3B3



DD00DD



805252



000000



808080

Same Dimension

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



DD0000



FF0000



DD6F00



6E6363



AD0000



2E0000

Inverse Universe

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



00DDDD



00FFFF



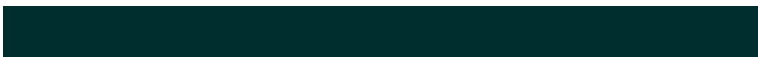
006FDD



636E6E



00ADAD



002E2E

Previews

White Background



This preview shows how the Hex color DD0000 looks on a white background.

Color Contrast Check

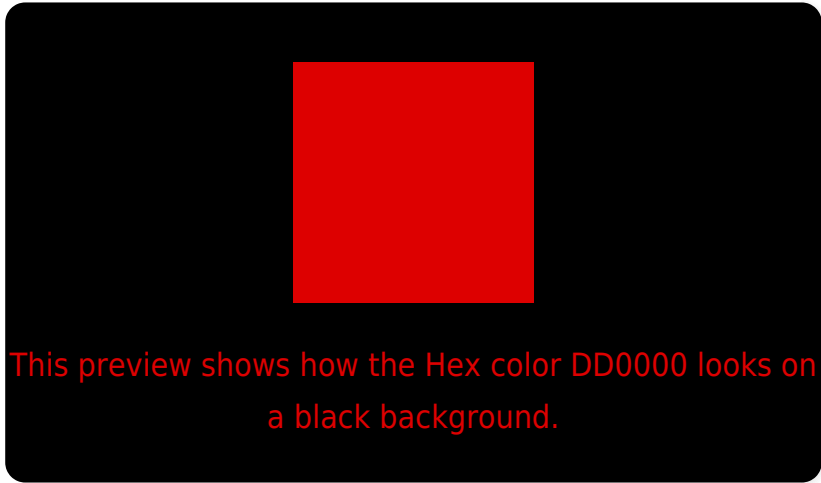
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD0000 Background



This preview shows how black text looks on a background with the Hex color DD0000.



This preview shows how white text looks on a background with the Hex color DD0000.

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



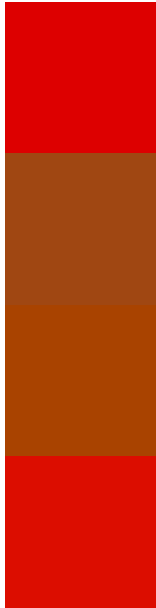
Original Color
DD0000

Protanopia
7D701D

Deuteranopia
8C6A00



Trichromacy



Original Color
DD0000

Protanomaly
A04712

Deuteranomaly
A94300

Tritanomaly
DC0D00

Monochromacy



Original Color
DD0000

Achromatopsia
424242

Achromatomaly
7A2A2A

CSS Examples

Text

The CSS property to change the color of the text to Hex DD0000 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 #DD0000 looks like.

```
.text, #text, p{  
    color:#DD0000  
}
```

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 #DD0000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD0000
}
```

Border

The CSS property to change the border of an element to Hex DD0000 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".

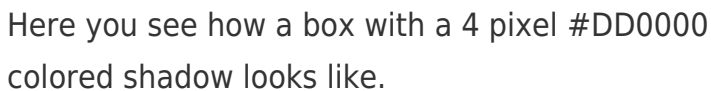
```
.border, #border, table{ border:4px solid
#DD0000 }
```

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

```
.border{ border-color:#DD0000 }
```

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

Here you see how a box with a 4 pixel #DD0000 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD0000; -webkit-box-shadow:4px 4px  
4px 4px #DD0000; box-shadow:4px 4px 4px  
4px #DD0000 }
```

Background

The CSS property to change the background color of an element to Hex DD0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD0000 }
```

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

```
.background{ background-color:#DD0000 }
```

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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