

# Converting Colors

Hex(DD0030)

Have a look what the booklet for  
Hex(DD0030) contains.

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# Color

**Hex(DD0030)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DD0030
RGB	221, 0, 48
RGB Percent	87%, 0%, 19%
CMY	0.1333, 1.0000, 0.8118
CMYK	0.00, 1.00, 0.78, 0.13
HSL	347°, 100%, 43%
HSV	347°, 100%, 87%
XYZ	30.3523, 15.5856, 4.2049
YIQ	71.5510, 116.3080, 61.7800

# Conversions

## Conversions Part 2

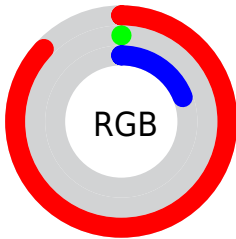
Format	Color
<a href="#">RYB</a>	221, 0, 48
Decimal	14483504
CIELab	46.43, 72.68, 40.03
CIELCh	46, 82.976, 28.843
Yxy	15.5856, 0.6053, 0.3108
Android (android.graphics.Color)	4292673584 (0xFFDD0030)
YUV	71.5510, -11.6106, 131.0668
Hunter-Lab	39.4785, 68.1487, 21.3200

# Details

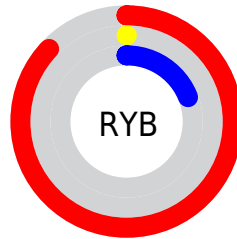
The Hex color **DD0030** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00DDAD**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **FF5A5E**, and **9C0004** is the 20% darker color. If you saturate the color by 10%, you get **DD0030**, and if you desaturate by 10%, it is **DD1641**.

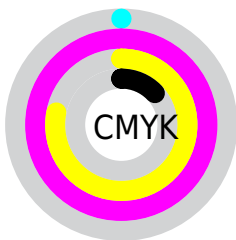
# Distribution



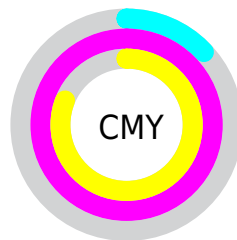
- Red (87%)
- Green (0%)
- Blue (19%)



- Red (87%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (78%)
- Black (13%)



- Cyan (13%)
- Magenta (100%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD0030 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 DD0030 by changing the saturation by 10% instead.



 DD0030

 DD0030

FFFFFF

 BC001B

 FF5A5E

 9C0004

 FF7877

 7C0000

 FF9691

 5D0002

 FFB3AC

 3F0003

 FFD1C7

 1B0001

 FFEFE3

 000000

 DD0030

 DD1641

 DD2C53

 DD4264

 DD5875

 DD6F87

 DD8598

 DD9BA9

 DDB1BA

 DDC7CC

# Harmonies

## Analogous

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



E00074



DD0030



BC4A00

# Triad

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



DD0030



00861A



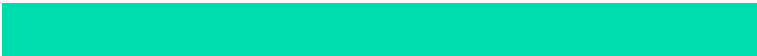
0079FC

# Complementary

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



DD0030



00DDAD

# 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.



0086E6



DD0030



008969

# Square

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



DD0030



427D00



008AB0



555CEA

# Rectangle

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



DD0030



9C6200



008AB0



007FF9



# Sweetspot

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



DD0030



FFB3C3



A900DD



80525C



000000



808080



# Same Dimension

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



DD0030



FF0037



DD3B00



6E6365



AD0026



2E000A



# Inverse Universe

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



DD0030



FF0037



00A2DD



6E6365



AD0026



2E000A



# Previews

## White Background



This preview shows how the Hex color DD0030 looks on a white background.

## Color Contrast Check

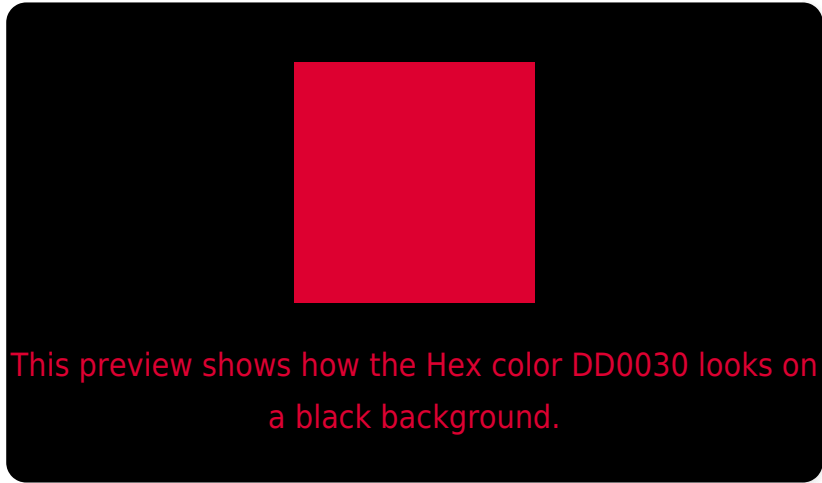
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD0030 Background



This preview shows how black text looks on a background with the Hex color DD0030.

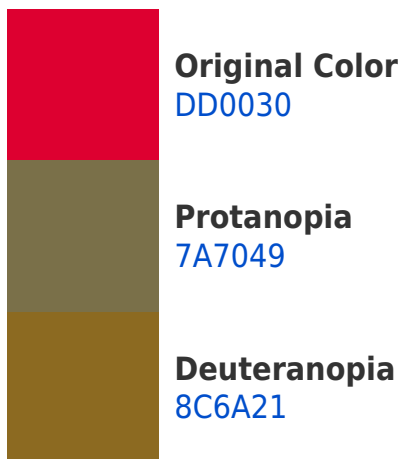


This preview shows how white text looks on a background with the Hex color DD0030.

# 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**  
DD0030



**Protanomaly**  
9E4740



**Deuteranomaly**  
A94326



**Tritanomaly**  
DC0D17

# Monochromacy



**Original Color**  
DD0030



**Achromatopsia**  
484848



**Achromatomaly**  
7E2E3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD0030 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 #DD0030 looks like.

```
.text, #text, p{  
    color:#DD0030  
}
```

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 #DD0030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD0030
}
```

## Border

The CSS property to change the border of an element to Hex DD0030 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".

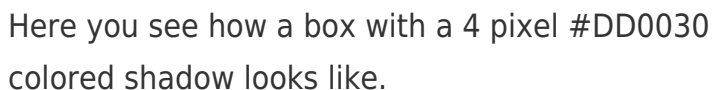
```
.border, #border, table{ border:4px solid
#DD0030 }
```

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

```
.border{ border-color:#DD0030 }
```

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

Here you see how a box with a 4 pixel #DD0030 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD0030; -webkit-box-shadow:4px 4px  
4px 4px #DD0030; box-shadow:4px 4px 4px  
4px #DD0030 }
```

# Background

The CSS property to change the background color of an element to Hex DD0030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD0030 }
```

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

```
.background{ background-color:#DD0030 }
```

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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