

# Converting Colors

Hex(DD0028)

Have a look what the booklet for  
Hex(DD0028) contains.

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**Color**

**Hex(DD0028)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD0028
RGB	221, 0, 40
RGB Percent	87%, 0%, 16%
CMY	0.1333, 1.0000, 0.8431
CMYK	0.00, 1.00, 0.82, 0.13
HSL	349°, 100%, 43%
HSV	349°, 100%, 87%
XYZ	30.2018, 15.5254, 3.4124
YIQ	70.6390, 118.8760, 59.2920

# Conversions

## Conversions Part 2

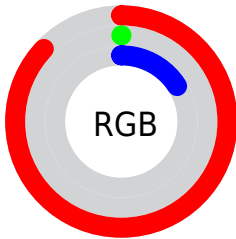
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">221, 0, 40</a>
Decimal	<a href="#">14483496</a>
CIELab	<a href="#">46.35, 72.46, 44.44</a>
CIELCh	<a href="#">46, 85.003, 31.517</a>
Yxy	<a href="#">15.5254, 0.6146, 0.3159</a>
Android (android.graphics.Color)	<a href="#">4292673576 (0xFFDD0028)</a>
YUV	<a href="#">70.6390, -15.1050, 131.8666</a>
Hunter-Lab	<a href="#">39.4022, 67.8663, 22.4468</a>

# Details

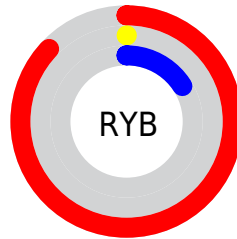
The Hex color **DD0028** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **00DDB5**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FF5956**, and **9C0000** is the 20% darker color. If you saturate the color by 10%, you get **DD0028**, and if you desaturate by 10%, it is **DD163A**.

# Distribution



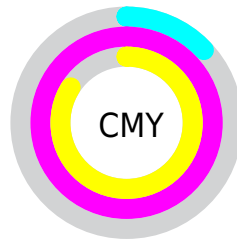
- Red (87%)
- Green (0%)
- Blue (16%)



- Red (87%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (82%)
- Black (13%)



- Cyan (13%)
- Magenta (100%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD0028 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 DD0028 by changing the saturation by 10% instead.



 DD0028

 DD0028

FFFFFF

 BC0013

 FF5956

 9C0000

 FF786F

 7C0000

 FF9689

 5C0002

 FFB3A3

 3E0003

 FFD1BE

 1B0001

 FFEFDA

 000000

 FFFFF7

 DD0028

 DD163A

 DD2C4C

 DD425E

 DD5870

 DD6F83

 DD8595

 DD9BA7

 DDB1B9

 DDC7CB

# Harmonies

## Analogous

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



E4006E



DD0028



BA4D00

# Triad

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



DD0028



008620



0077FF

# Complementary

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



DD0028



00DDB5

# 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.



0086ED



DD0028



008A70

# Square

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



DD0028



367E00



008AB7



6258EA

# Rectangle

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



DD0028



976400



008AB7



007EFE



# Sweetspot

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



DD0028



FFB3C0



B400DD



80525A



000000



808080



# Same Dimension

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



DD0028



FF002E



DD4600



6E6365



AD001F



2E0008



# Inverse Universe

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



DD0028



FF002E



0097DD



6E6365



AD001F



2E0008



# Previews

## White Background



This preview shows how the Hex color DD0028 looks on a white background.

## Color Contrast Check

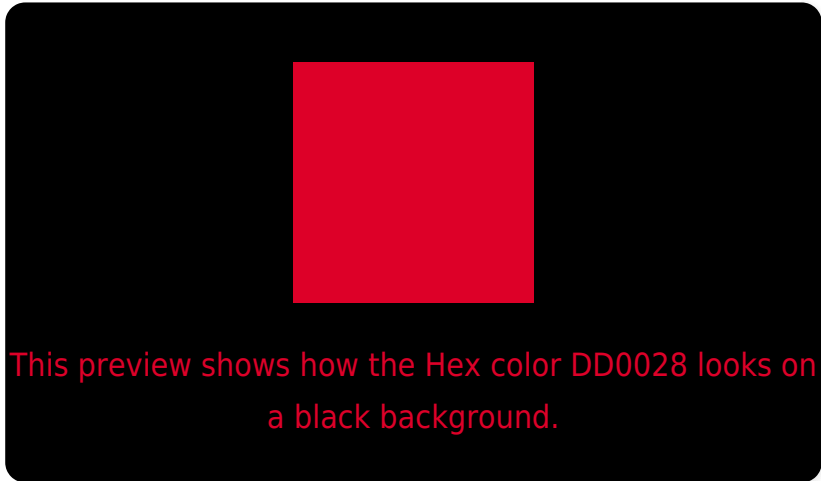
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD0028 Background



This preview shows how black text looks on a background with the Hex color DD0028.

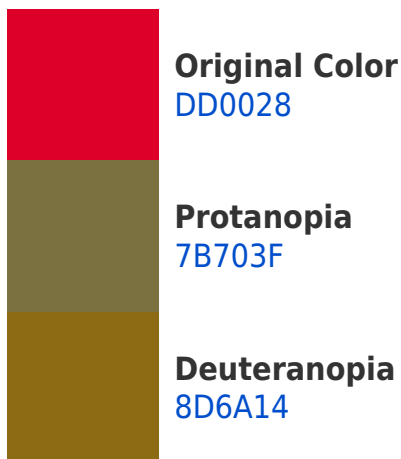


This preview shows how white text looks on a background with the Hex color DD0028.

# 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**  
DD0028

**Protanomaly**  
9F4737

**Deuteranomaly**  
AA431B

# Monochromacy



**Original Color**  
DD0028

**Achromatopsia**  
474747

**Achromatomaly**  
7E2D3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD0028 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 #DD0028 looks like.

```
.text, #text, p{  
    color:#DD0028  
}
```

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 #DD0028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD0028
}
```

## Border

The CSS property to change the border of an element to Hex DD0028 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
#DD0028 }
```

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

```
.border{ border-color:#DD0028 }
```

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

Here you see how a box with a 4 pixel #DD0028 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD0028; -webkit-box-shadow:4px 4px  
4px 4px #DD0028; box-shadow:4px 4px 4px  
4px #DD0028 }
```

# Background

The CSS property to change the background color of an element to Hex DD0028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD0028 }
```

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

```
.background{ background-color:#DD0028 }
```

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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