

# Converting Colors

Hex(DF0059)

Have a look what the booklet for  
Hex(DF0059) contains.

<b>Hex(DF0059)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(DF0059)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DF0059
RGB	223, 0, 89
RGB Percent	87%, 0%, 35%
CMY	0.1255, 1.0000, 0.6510
CMYK	0.00, 1.00, 0.60, 0.13
HSL	336°, 100%, 44%
HSV	336°, 100%, 87%
XYZ	32.2346, 16.4092, 10.9195
YIQ	76.8230, 104.3390, 74.9550

# Conversions

## Conversions Part 2

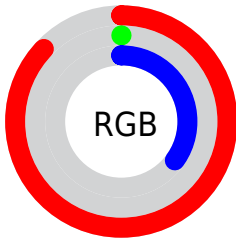
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	223, 0, 89
Decimal	14614617
CIE <sub>Lab</sub>	47.51, 74.95, 16.57
CIE <sub>LCh</sub>	48, 76.758, 12.470
Yxy	16.4092, 0.5412, 0.2755
Android (android.graphics.Color)	4292804697 (0xFFDF0059)
YUV	76.8230, 6.0033, 128.1972
Hunter-Lab	40.5083, 71.1522, 12.3734

# Details

The Hex color **DF0059** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed red. A complement of this color would be **00DF86**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **FF5B8B**, and **A0002C** is the 20% darker color. If you saturate the color by 10%, you get **DF0059**, and if you desaturate by 10%, it is **DF1666**.

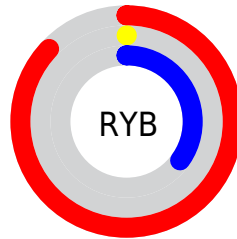
# Distribution



Red (87%)

Green (0%)

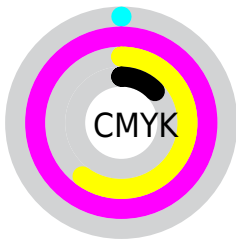
Blue (35%)



Red (87%)

Yellow (0%)

Blue (35%)

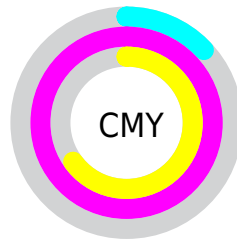


Cyan (0%)

Magenta (100%)

Yellow (60%)

Black (13%)



Cyan (13%)

Magenta (100%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF0059 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 DF0059 by changing the saturation by 10% instead.



 DF0059

 DF0059

FFFFFF

 BF0042

 FF5B8B

 A0002C

 FF7AA5

 810019

 FF98C0

 620002

 FFB6DB

 440003

 FFD4F8

 230001

 FFF2FF

 000000

 DF0059

 DF1666

 DF2D74

 DF4381

 DF598F

 DF709C

 DF86A9

 DF9CB7

 DFB2C4

 DFC9D2

# Harmonies

## Analogous

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



CE1F99



DF0059



CF3B18

# Triad

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



DF0059



148300



0083ED

# Complementary

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



DF0059



00DF86

# 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.



008AC8



DF0059



008947

# Square

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



DF0059



717600



008C8B



0070F1

# Rectangle

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



DF0059



B75500



008C8B



0086E4



# Sweetspot

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



DF0059



FFB3D1



8600DF



805264



000000



808080



# Same Dimension

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



DF0059



FF0066



DF1600



706569



B00046



300013



# Inverse Universe

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



DF0059



FF0066



00C9DF



706569



B00046



300013



# Previews

## White Background



This preview shows how the Hex color DF0059 looks on a white background.

## Color Contrast Check

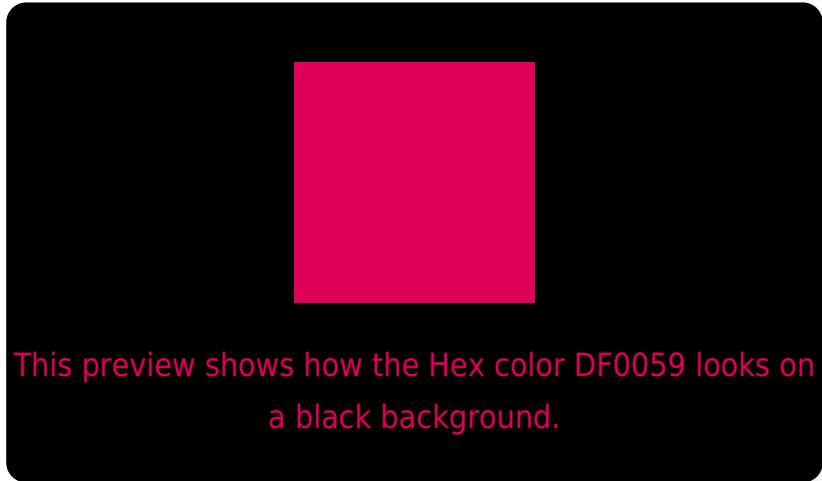
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF0059 Background



This preview shows how black text looks on a background with the Hex color DF0059.

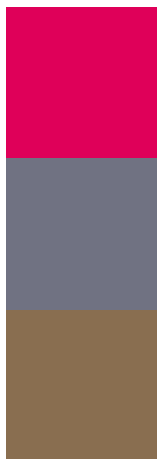


This preview shows how white text looks on a background with the Hex color DF0059.

# 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**  
DF0059

**Protanopia**  
707282

**Deuteranopia**  
896E50



# Trichromacy



**Original Color**  
DF0059



**Protanomaly**  
984973



**Deuteranomaly**  
A84653



**Tritanomaly**  
DE1736

# Monochromacy



**Original Color**  
DF0059



**Achromatopsia**  
4D4D4D



**Achromatomaly**  
823151

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF0059 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 #DF0059 looks like.

```
.text, #text, p{  
    color:#DF0059  
}
```

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 #DF0059 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF0059
}
```

## Border

The CSS property to change the border of an element to Hex DF0059 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".

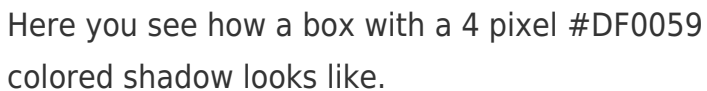
```
.border, #border, table{ border:4px solid
#DF0059 }
```

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

```
.border{ border-color:#DF0059 }
```

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

Here you see how a box with a 4 pixel #DF0059 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and describes the shadow's appearance.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF0059; -webkit-box-shadow:4px 4px  
4px 4px #DF0059; box-shadow:4px 4px 4px  
4px #DF0059 }
```

# Background

The CSS property to change the background color of an element to Hex DF0059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF0059 }
```

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

```
.background{ background-color:#DF0059 }
```

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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