

Converting Colors

Hex(DF0021)

Have a look what the booklet for
Hex(DF0021) contains.

Hex(DF0021)	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>	28

Color

Hex(DF0021)

Conversions

Conversions Part 1

Format	Color
Hex	DF0021
RGB	223, 0, 33
RGB Percent	87%, 0%, 13%
CMY	0.1255, 1.0000, 0.8706
CMYK	0.00, 1.00, 0.85, 0.13
HSL	351°, 100%, 44%
HSV	351°, 100%, 87%
XYZ	30.7059, 15.7978, 2.8697
YIQ	70.4390, 122.3150, 57.5390

Conversions

Conversions Part 2

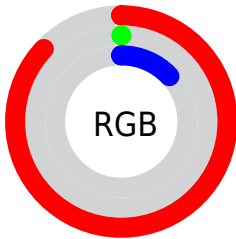
Format	Color
R_{YB}	223, 0, 33
Decimal	14614561
CIE Lab	46.71, 72.79, 48.60
CIE LCh	47, 87.521, 33.729
Yxy	15.7978, 0.6219, 0.3200
Android (android.graphics.Color)	4292804641 (0xFFDF0021)
YUV	70.4390, -18.4574, 133.7960
Hunter-Lab	39.7464, 68.3432, 23.5417

Details

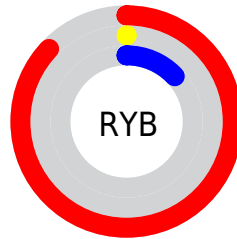
The Hex color **DF0021** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **00DFBE**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FF5A4F**, and **9E0000** is the 20% darker color. If you saturate the color by 10%, you get **DF0021**, and if you desaturate by 10%, it is **DF1634**.

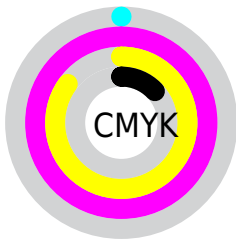
Distribution



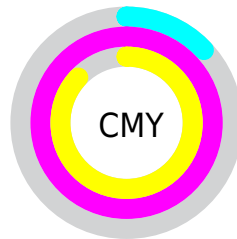
- Red (87%)
- Green (0%)
- Blue (13%)



- Red (87%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (85%)
- Black (13%)



- Cyan (13%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF0021 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 DF0021 by changing the saturation by 10% instead.

 DF0021

 DF0021

FFFFFF

 BE000A

 FF5A4F

 9E0000

 FF7868

 7D0000

 FF9682

 5E0002

 FFB49C

 400003

 FFD1B7

 1D0001

 FFEFD3

 000000

 FFFFEF

 DF0021

 DF1634

 DF2D47

 DF435A

 DF596D

 DF7080

 DF8693

 DF9CA6

 DFB2B9

 DFC9CC

Harmonies

Analogous

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



E90069



DF0021



B94F00

Triad

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



DF0021



008825



0077FF

Complementary

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



DF0021



00DFBE

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.



0087F4



DF0021



008B76

Square

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



DF0021



2A8000



008CC0



6E55EB

Rectangle

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



DF0021



946700



008CC0



007EFF

Sweetspot

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



DF0021



FFB3BE



BE00DF



805258



000000



808080

Same Dimension

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



DF0021



FF0026



DF4E00



706567



B0001A



300007

Inverse Universe

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



DF0021



FF0026



0091DF



706567



B0001A



300007

Previews

White Background



This preview shows how the Hex color DF0021 looks on a white background.

Color Contrast Check

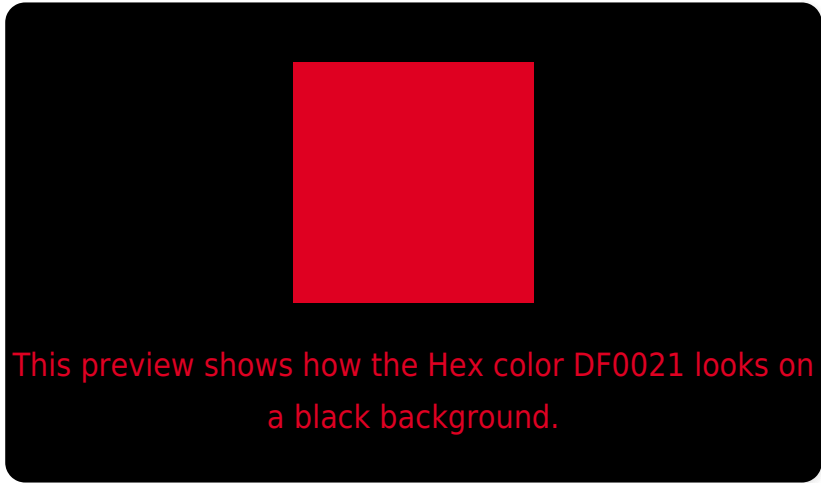
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF0021 Background



This preview shows how black text looks on a background with the Hex color DF0021.



This preview shows how white text looks on a background with the Hex color DF0021.

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
DF0021

Protanomaly
A1482E

Tritanomaly
DE0D0C

Monochromacy



Original Color
DF0021

Achromatopsia
464646

Achromatomaly
7E2D39

CSS Examples

Text

The CSS property to change the color of the text to Hex DF0021 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 #DF0021 looks like.

```
.text, #text, p{  
    color:#DF0021  
}
```

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 #DF0021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF0021
}
```

Border

The CSS property to change the border of an element to Hex DF0021 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".

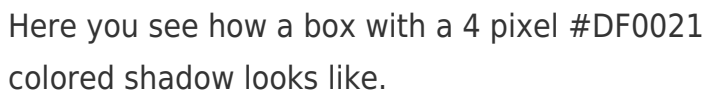
```
.border, #border, table{ border:4px solid
#DF0021 }
```

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

```
.border{ border-color:#DF0021 }
```

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

Here you see how a box with a 4 pixel #DF0021 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF0021; -webkit-box-shadow:4px 4px  
4px 4px #DF0021; box-shadow:4px 4px 4px  
4px #DF0021 }
```

Background

The CSS property to change the background color of an element to Hex DF0021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF0021 }
```

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

```
.background{ background-color:#DF0021 }
```

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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