

# Converting Colors

Hex(DF0276)

Have a look what the booklet for  
Hex(DF0276) contains.

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**Color**

**Hex(DF0276)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DF0276
RGB	223, 2, 118
RGB Percent	87%, 1%, 46%
CMY	0.1255, 0.9922, 0.5373
CMYK	0.00, 0.99, 0.47, 0.13
HSL	329°, 98%, 44%
HSV	329°, 99%, 87%
XYZ	33.7231, 17.0394, 18.6511
YIQ	81.3030, 94.4800, 82.9280

# Conversions

## Conversions Part 2

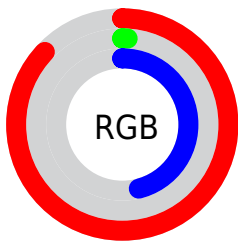
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	223, 2, 118
Decimal	14615158
CIE Lab	48.31, 76.77, -0.19
CIE LCh	48, 76.774, 359.854
Yxy	17.0394, 0.4858, 0.2455
Android (android.graphics.Color)	4292805238 (0xFFDF0276)
YUV	81.3030, 18.0916, 124.2683
Hunter-Lab	41.2788, 73.5895, 2.1061

# Details

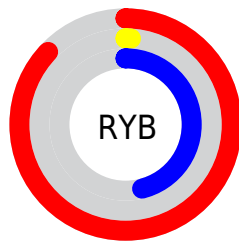
The Hex color **DF0276** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **02DF6B**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF5DAA**, and **A10046** is the 20% darker color. If you saturate the color by 10%, you get **DF0075**, and if you desaturate by 10%, it is **DF1881**.

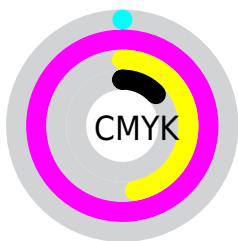
# Distribution



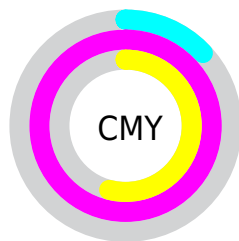
- Red (87%)
- Green (1%)
- Blue (46%)



- Red (87%)
- Yellow (1%)
- Blue (46%)



- Cyan (0%)
- Magenta (99%)
- Yellow (47%)
- Black (13%)



- Cyan (13%)
- Magenta (99%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF0276 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 DF0276 by changing the saturation by 10% instead.



 DF0276

 DF0276

FFFFFF

 C0005D

 FF5DAA

 A10046

 FF7CC5

 830030

 FF9AE1

 64001C

 FFB8FE

 480004

 FFD6FF

 280001

 FFF4FF

 000000

 DF0276

 DF0276

 DF0075

 DF1881

 DF2F8B

 DF4596

 DF5BA0

 DF72AB

 DF88B6

 DF9EC0

 DFB4CB

 DFCBD5

# Harmonies

## Analogous

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



BD38B5



DF0276



DC2937

# Triad

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



DF0276



4A8100



0089E4

# Complementary

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



DF0276



02DF6B

# 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.



008EB2



DF0276



008A2A

# Square

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



DF0276



8C7000



008D71



007CF6

# Rectangle

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



DF0276



CA4702



008D71



008BD6



# Sweetspot

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



DF0276



FFB3DB



6902DF



80526A



000000



808080



# Same Dimension

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



DF0276



FF0086



DF0209



70656B



B0005C



300019



# Inverse Universe

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



DF0276



FF0086



02DFD8



70656B



B0005C



300019



# Previews

## White Background



This preview shows how the Hex color DF0276 looks on a white background.

## Color Contrast Check

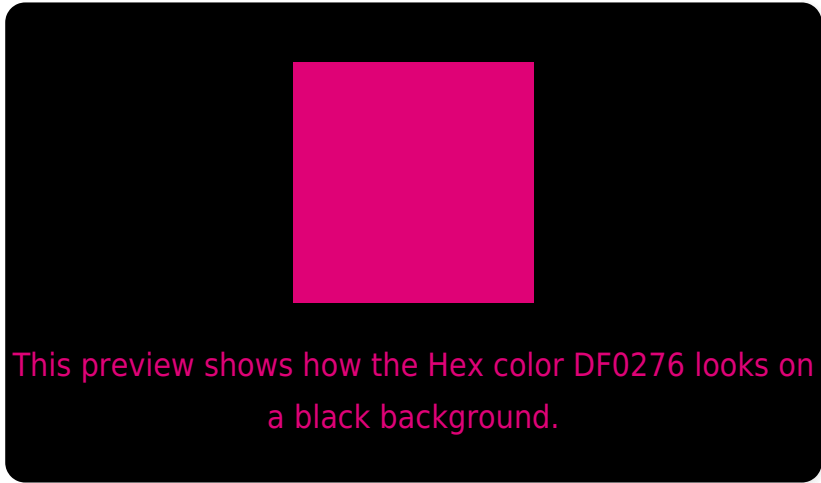
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF0276 Background



This preview shows how black text looks on a background with the Hex color DF0276.



This preview shows how white text looks on a background with the Hex color DF0276.

# 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**  
DF0276



**Protanomaly**  
8F4A97



**Deuteranomaly**  
A44870



**Tritanomaly**  
DD1F49

# Monochromacy



**Original Color**  
DF0276



**Achromatopsia**  
515151



**Achromatomaly**  
85345E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF0276 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 #DF0276 looks like.

```
.text, #text, p{  
    color:#DF0276  
}
```

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 #DF0276 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF0276
}
```

## Border

The CSS property to change the border of an element to Hex DF0276 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
#DF0276 }
```

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

```
.border{ border-color:#DF0276 }
```

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

Here you see how a box with a 4 pixel #DF0276 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF0276; -webkit-box-shadow:4px 4px  
4px 4px #DF0276; box-shadow:4px 4px 4px  
4px #DF0276 }
```

# Background

The CSS property to change the background color of an element to Hex DF0276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF0276 }
```

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

```
.background{ background-color:#DF0276 }
```

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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