

Converting Colors

Hex(D02F76)

Have a look what the booklet for
Hex(D02F76) contains.

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Color

Hex(D02F76)

Conversions

Conversions Part 1

Format	Color
Hex	D02F76
RGB	208, 47, 118
RGB Percent	82%, 18%, 46%
CMY	0.1843, 0.8157, 0.5373
CMYK	0.00, 0.77, 0.43, 0.18
HSL	334°, 63%, 50%
HSV	334°, 77%, 82%
XYZ	30.2990, 16.7509, 18.7759
YIQ	103.2330, 73.1650, 56.2130

Conversions

Conversions Part 2

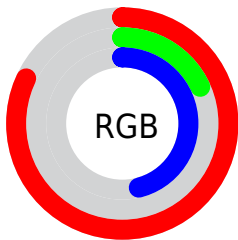
Format	Color
R _Y B	208, 47, 118
Decimal	13643638
CIE Lab	47.94, 65.94, -1.07
CIE LCh	48, 65.945, 359.069
Yxy	16.7509, 0.4603, 0.2545
Android (android.graphics.Color)	4291833718 (0xFFD02F76)
YUV	103.2330, 7.2801, 91.8807
Hunter-Lab	40.9279, 60.5198, 1.4500

Details

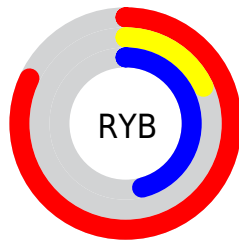
The Hex color **D02F76** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **2FD089**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF6DAA**, and **940046** is the 20% darker color. If you saturate the color by 10%, you get **D01A6A**, and if you desaturate by 10%, it is **D04482**.

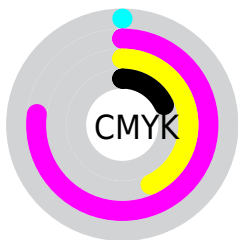
Distribution



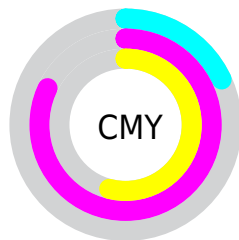
- Red (82%)
- Green (18%)
- Blue (46%)



- Red (82%)
- Yellow (18%)
- Blue (46%)



- Cyan (0%)
- Magenta (77%)
- Yellow (43%)
- Black (18%)



- Cyan (18%)
- Magenta (82%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color D02F76 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 D02F76 by changing the saturation by 10% instead.

 D02F76

 D02F76

FFFFFF

 B2005D

 FF6DAA

 940046

 FF89C5

 760030

 FFA6E1

 59001B

 FFC3FE

 3F0003

 FFE1FF

 1B0001

 000000

 D02F76

 D02F76

 D01A6A

 D04482

 D0055F

 D0598D

 D0005C

 D06D99

 D082A5

 D097B0

 D0ACBC

 D0C1C7

 D0D5D3

 D0EADF

Harmonies

Analogous

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



B246AC



D02F76



CF3B3F

Triad

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



D02F76



547E00



0085D1

Complementary

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



D02F76



2FD089

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.



008AA7



D02F76



008634

Square

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



D02F76



8B6F00



008A6E



0079E2

Rectangle

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



D02F76



C04E1C



008A6E



0088C5

Sweetspot

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



D02F76



FFC4DE



882FD0



805C6C



000000



808080

Same Dimension

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



D02F76



FF127A



D0372F



695E63



A8004A



290012

Inverse Universe

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



D02F76



FF127A



2FC8D0



695E63



A8004A



290012

Previews

White Background



This preview shows how the Hex color D02F76 looks on a white background.

Color Contrast Check

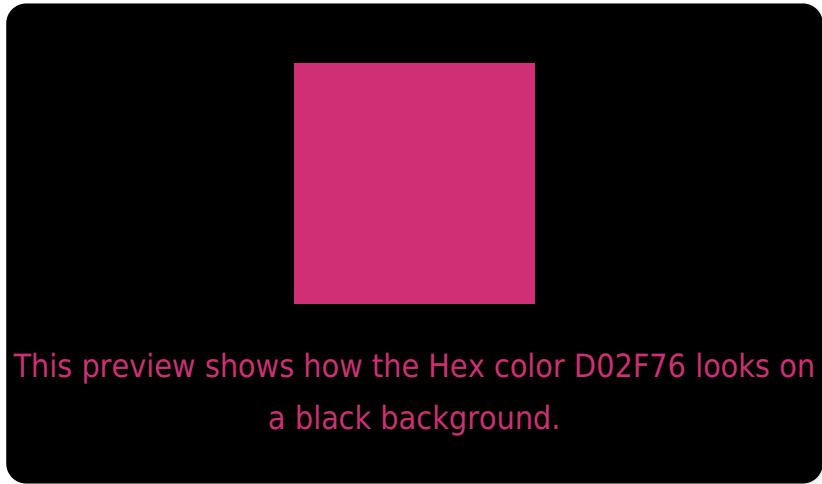
Large Text (above 18pt) WCAG AA ✓ Pass

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 D02F76 Background



This preview shows how black text looks on a background with the Hex color D02F76.



This preview shows how white text looks on a background with the Hex color D02F76.

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
D02F76

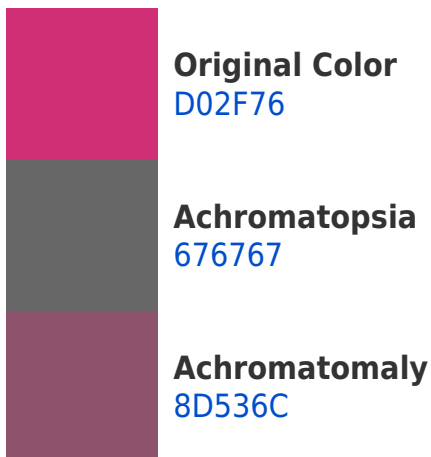
Protanopia
65719E

Deuteranopia
7F6F6E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D02F76 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 #D02F76 looks like.

```
.text, #text, p{  
    color:#D02F76  
}
```

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 #D02F76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D02F76
}
```

Border

The CSS property to change the border of an element to Hex D02F76 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
#D02F76 }
```

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

```
.border{ border-color:#D02F76 }
```

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

Here you see how a box with a 4 pixel #D02F76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D02F76; -webkit-box-shadow:4px 4px  
4px 4px #D02F76; box-shadow:4px 4px 4px  
4px #D02F76 }
```

Background

The CSS property to change the background color of an element to Hex D02F76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D02F76 }
```

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

```
.background{ background-color:#D02F76 }
```

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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