

Converting Colors

Hex(FF0072)

Have a look what the booklet for
Hex(FF0072) contains.

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Color

Hex(FF0072)

Conversions

Conversions Part 1

Format	Color
Hex	FF0072
RGB	255, 0, 114
RGB Percent	100%, 0%, 45%
CMY	0.0000, 1.0000, 0.5529
CMYK	0.00, 1.00, 0.55, 0.00
HSL	333°, 100%, 50%
HSV	333°, 100%, 100%
XYZ	44.2773, 22.4749, 17.9240
YIQ	89.2410, 115.3860, 89.5140

Conversions

Conversions Part 2

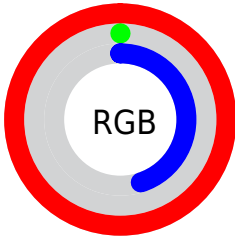
Format	Color
RYB	255, 0, 114
Decimal	16711794
CIELab	54.53, 83.60, 11.99
CIElCh	55, 84.458, 8.160
Yxy	22.4749, 0.5229, 0.2654
Android (android.graphics.Color)	4294901874 (0xFFFF0072)
YUV	89.2410, 12.2062, 145.3706
Hunter-Lab	47.4077, 83.7497, 10.7689

Details

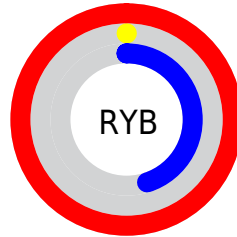
The Hex color **FF0072** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **00FF8D**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF63A5**, and **BF0043** is the 20% darker color. If you saturate the color by 10%, you get **FF0072**, and if you desaturate by 10%, it is **FF1980**.

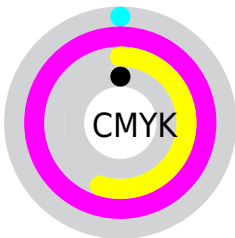
Distribution



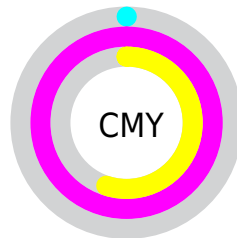
- Red (100%)
- Green (0%)
- Blue (45%)



- Red (100%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (100%)
- Yellow (55%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF0072 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 FF0072 by changing the saturation by 10% instead.

 FF0072

 FF0072

FFFFFF

 DF005A

 FF63A5

 BF0043

 FF83C0

 9F002D

 FFA2DC

 7F001A

 FFC1F9

 600004

 FFDFFF

 410003

FFFEFF

 1F0001

 000000

 FF0072

 FF1980

 FF338E

 FF4D9C

 FF66AA

 FF80B9

 FF99C7

 FFB3D5

 FFCCE3

 FFE6F1

Harmonies

Analogous

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



E630BA



FF0072



F23F2B

Triad

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



FF0072



369600



0099FF

Complementary

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



FF0072



00FF8D

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.



00A0DC



FF0072



009E48

Square

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



FF0072



8D8600



00A195



0086FF

Rectangle

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



FF0072



D85D00



00A195



009CFF

Sweetspot

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



FF0072



FFB3D5



8C00FF



805266



000000



808080

Same Dimension

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



FF0072



FF0D00



807378



BF0056



40001D

Inverse Universe

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



FF0072



00F2FF



807378



BF0055



40001C

Previews

White Background



This preview shows how the Hex color FF0072 looks on a white background.

Color Contrast Check

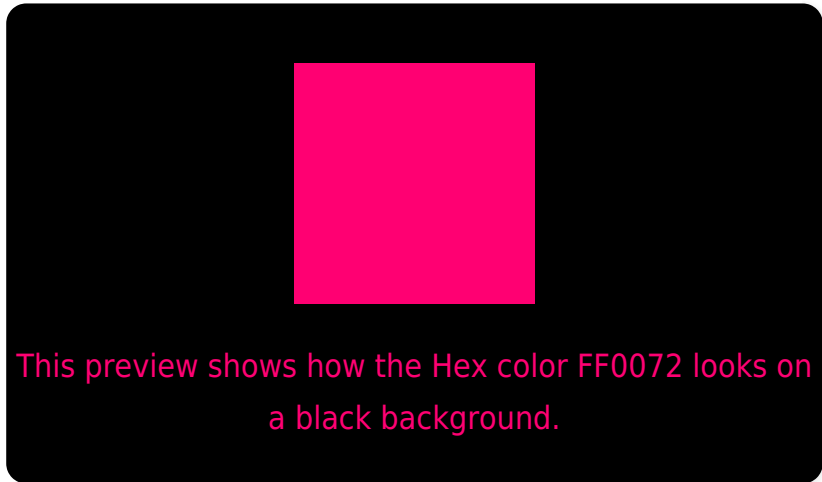
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex FF0072 Background



This preview shows how black text looks on a background with the Hex color FF0072.



This preview shows how white text looks on a background with the Hex color FF0072.

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
FF0072

Protanopia
7B82A5

Deuteranopia
9A7E67



Trichromacy



Original Color
FF0072



Protanomaly
AB5392



Deuteranomaly
BF506B



Tritanomaly
FD1D45

Monochromacy



Original Color
FF0072



Achromatopsia
595959



Achromatomaly
953962

CSS Examples

Text

The CSS property to change the color of the text to Hex FF0072 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 #FF0072 looks like.

```
.text, #text, p{  
  color:#FF0072  
}
```

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 #FF0072 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0072
}
```

Border

The CSS property to change the border of an element to Hex FF0072 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
#FF0072 }
```

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

```
.border{ border-color:#FF0072 }
```

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

Here you see how a box with a 4 pixel #FF0072 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0072; -webkit-box-shadow:4px 4px  
4px 4px #FF0072; box-shadow:4px 4px 4px  
4px #FF0072 }
```

Background

The CSS property to change the background color of an element to Hex FF0072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0072 }
```

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

```
.background{ background-color:#FF0072 }
```

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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