

Converting Colors

Hex(FF0044)

Have a look what the booklet for
Hex(FF0044) contains.

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Color

Hex(F0044)

Conversions

Conversions Part 1

Format	Color
Hex	FF0044
RGB	255, 0, 68
RGB Percent	100%, 0%, 27%
CMY	0.0000, 1.0000, 0.7333
CMYK	0.00, 1.00, 0.73, 0.00
HSL	344°, 100%, 50%
HSV	344°, 100%, 100%
XYZ	42.2834, 21.6774, 7.4244
YIQ	83.9970, 130.1520, 75.2080

Conversions

Conversions Part 2

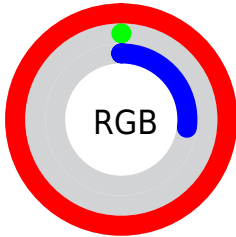
Format	Color
R_{YB}	255, 0, 68
Decimal	16711748
CIE _{Lab}	53.68, 81.33, 38.44
CIE _{LCh}	54, 89.959, 25.293
Yxy	21.6774, 0.5923, 0.3037
Android (android.graphics.Color)	4294901828 (0xFFFF0044)
YUV	83.9970, -7.8865, 149.9696
Hunter-Lab	46.5589, 80.6300, 23.1367

Details

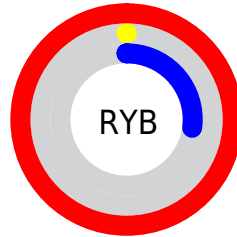
The Hex color **FF0044** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **00FFBB**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF6274**, and **BD001A** is the 20% darker color. If you saturate the color by 10%, you get **FF0044**, and if you desaturate by 10%, it is **FF1957**.

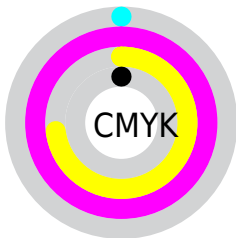
Distribution



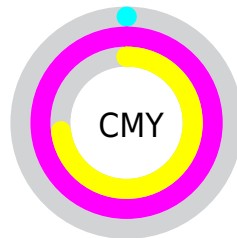
- Red (100%)
- Green (0%)
- Blue (27%)



- Red (100%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (73%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF0044 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 FF0044 by changing the saturation by 10% instead.

 FF0044

 FF0044

FFFFFF

 DE002E

 FF6274

 BD001A

 FF818E

 9C0001

 FFA0A8

 7C0002

 FFBEC3

 5C0004

 FFDDDF

 3D0003

 FFFCFC

 170000

 000000

 FF0044

 FF1957

 FF3369

 FF4D7C

 FF668F

 FF80A2

 FF99B4

 FFB3C7

 FFCCDA

 FFE6EC

Harmonies

Analogous

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



FE0090



FF0044



DE5300

Triad

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



FF0044



009A16



008FFF

Complementary

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



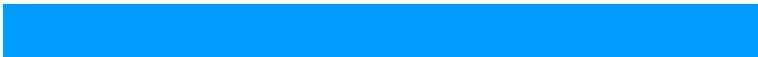
FF0044



00FFBB

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.



009CFF



FF0044



009F71

Square

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



FF0044



5B8F00



00A0C1



4B71FF

Rectangle

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



FF0044



BB6F00



00A0C1



0095FF

Sweetspot

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



FF0044



FFB3C7



BB00FF



80525E



000000



808080

Same Dimension

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



FF0044



FF3C00



807376



BF0033



400011

Inverse Universe

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



FF0044



00C3FF



807376



BF0033



400011

Previews

White Background



This preview shows how the Hex color FF0044 looks on a white background.

Color Contrast Check

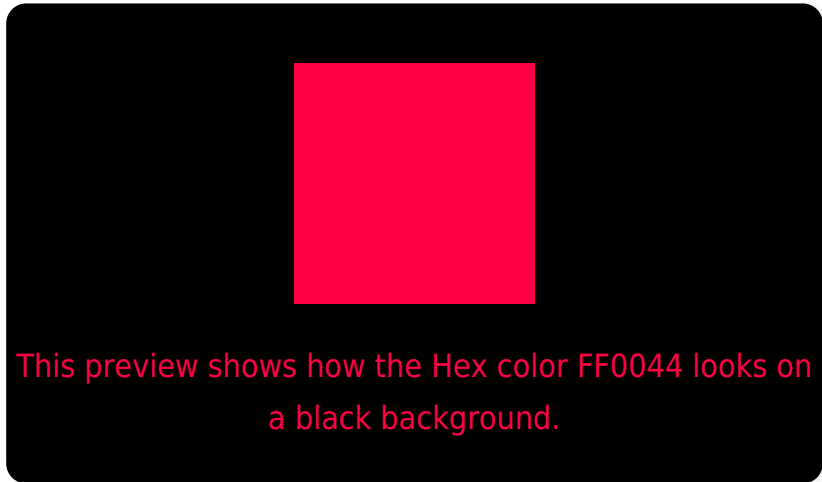
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF0044 Background



This preview shows how black text looks on a background with the Hex color FF0044.

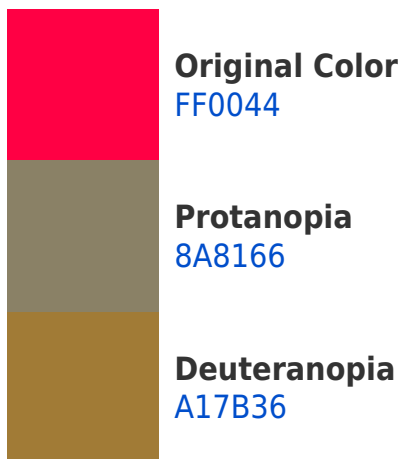


This preview shows how white text looks on a background with the Hex color FF0044.

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





Tritanopia
FE1C14

Trichromacy



Original Color
FF0044



Protanomaly
B5525A



Deuteranomaly
C34E3B



Tritanomaly
FE1225

Monochromacy



Original Color
FF0044



Achromatopsia
545454



Achromatomaly
92354E

CSS Examples

Text

The CSS property to change the color of the text to Hex FF0044 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 #FF0044 looks like.

```
.text, #text, p{  
    color:#FF0044  
}
```

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 #FF0044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0044
}
```

Border

The CSS property to change the border of an element to Hex FF0044 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
#FF0044 }
```

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

```
.border{ border-color:#FF0044 }
```

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

Here you see how a box with a 4 pixel #FF0044 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0044; -webkit-box-shadow:4px 4px  
4px 4px #FF0044; box-shadow:4px 4px 4px  
4px #FF0044 }
```

Background

The CSS property to change the background color of an element to Hex FF0044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0044 }
```

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

```
.background{ background-color:#FF0044 }
```

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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