

# Converting Colors

Hex(FF014B)

Have a look what the booklet for  
Hex(FF014B) contains.

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**Color**

**Hex(F014B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF014B
RGB	255, 1, 75
RGB Percent	100%, 0%, 29%
CMY	0.0000, 0.9961, 0.7059
CMYK	0.00, 1.00, 0.71, 0.00
HSL	343°, 100%, 50%
HSV	343°, 100%, 100%
XYZ	42.5209, 21.7897, 8.6213
YIQ	85.3820, 127.6300, 76.8620

# Conversions

## Conversions Part 2

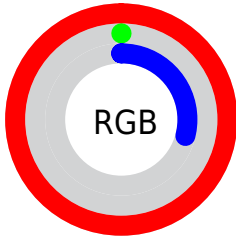
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 1, 75
Decimal	16712011
CIELab	53.80, 81.53, 34.47
CIElCh	54, 88.517, 22.917
Yxy	21.7897, 0.5830, 0.2988
Android (android.graphics.Color)	4294902091 (0xFFFF014B)
YUV	85.3820, -5.1183, 148.7550
Hunter-Lab	46.6794, 80.9087, 21.7252

# Details

The Hex color **FF014B** 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 **01FFB5**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF627B**, and **BD0020** is the 20% darker color. If you saturate the color by 10%, you get **FF004A**, and if you desaturate by 10%, it is **FF1A5D**.

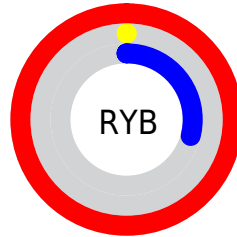
# Distribution



Red (100%)

Green (0%)

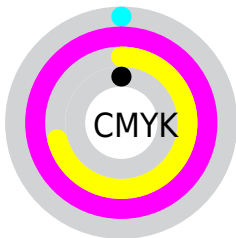
Blue (29%)



Red (100%)

Yellow (0%)

Blue (29%)

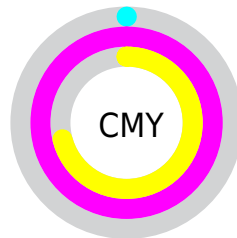


Cyan (0%)

Magenta (100%)

Yellow (71%)

Black (0%)



Cyan (0%)

Magenta (100%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF014B 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 FF014B by changing the saturation by 10% instead.



 FF014B

 FF014B

FFFFFF

 DE0035

 FF627B

 BD0020

 FF8295

 9D000B

 FFA0B0

 7C0002

 FFBFCB

 5C0004

 FFDDE7

 3D0003

 FFFCFF

 180001

 000000

 FF014B

 FF014B

 FF004A

 FF1A5D

 FF346F

 FF4E81

 FF6793

 FF81A5

 FF9AB7

 FFB3C9

 FFCDDC

 FFE7EE

# Harmonies

## Analogous

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



FA0096



FF014B



E15100

# Triad

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



FF014B



00990D



0090FF

# Complementary

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



FF014B



01FFB5

# 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.



009DFB



FF014B



009F6B

# Square

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



FF014B



648E00



00A0BA



3575FF

# Rectangle

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



FF014B



BF6D00



00A0BA



0096FF



# Sweetspot

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



FF014B



FFB3C9



B301FF



80525F



000000



808080



# Same Dimension

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



FF014B



FF004A



FF3401



807376



BF0038



400013



# Inverse Universe

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



FF014B



FF004A



01CCFF



807376



BF0038



400013



# Previews

## White Background



This preview shows how the Hex color FF014B looks on a white background.

## Color Contrast Check

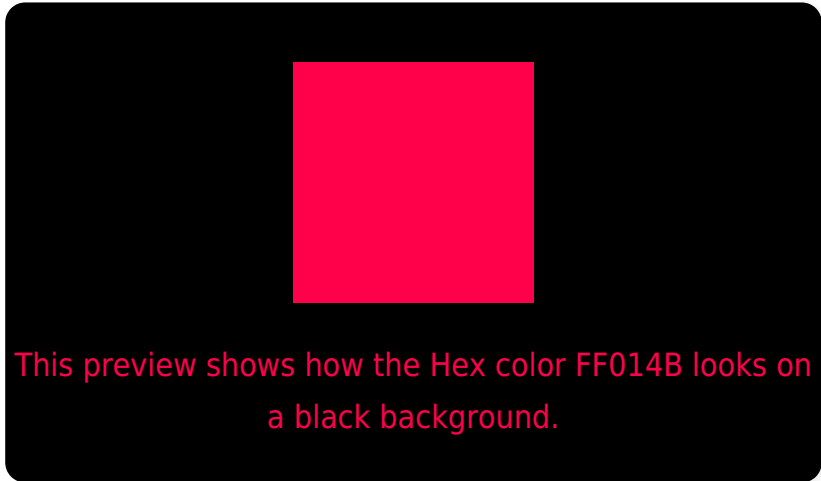
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF014B Background



This preview shows how black text looks on a background with the Hex color FF014B.

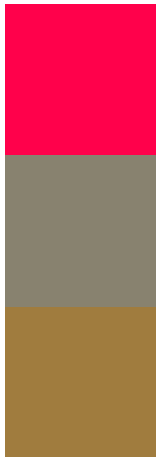


This preview shows how white text looks on a background with the Hex color FF014B.

# 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**  
FF014B

**Protanopia**  
88826F

**Deuteranopia**  
A07C3E



**Tritanopia**  
FE1F18

# Trichromacy



**Original Color**  
FF014B



**Protanomaly**  
B35362



**Deuteranomaly**  
C34F43

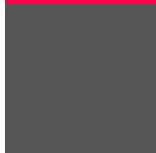


**Tritanomaly**  
FE142B

# Monochromacy



**Original Color**  
FF014B



**Achromatopsia**  
555555



**Achromatomaly**  
933651

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF014B 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 #FF014B looks like.

```
.text, #text, p{  
    color:#FF014B  
}
```

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 #FF014B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF014B
}
```

## Border

The CSS property to change the border of an element to Hex FF014B 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
#FF014B }
```

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

```
.border{ border-color:#FF014B }
```

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

Here you see how a box with a 4 pixel #FF014B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF014B; -webkit-box-shadow:4px 4px  
4px 4px #FF014B; box-shadow:4px 4px 4px  
4px #FF014B }
```

# Background

The CSS property to change the background color of an element to Hex FF014B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF014B }
```

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

```
.background{ background-color:#FF014B }
```

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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