

# Converting Colors

Hex(FF064F)

Have a look what the booklet for  
Hex(FF064F) contains.

<b>Hex(FF064F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(F064F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF064F
RGB	255, 6, 79
RGB Percent	100%, 2%, 31%
CMY	0.0000, 0.9765, 0.6902
CMYK	0.00, 0.98, 0.69, 0.00
HSL	342°, 100%, 51%
HSV	342°, 98%, 100%
XYZ	42.7164, 21.9548, 9.3834
YIQ	88.7730, 124.9710, 75.4910

# Conversions

## Conversions Part 2

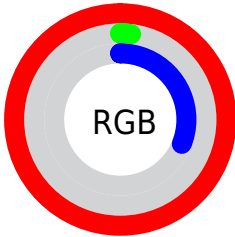
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 6, 79
Decimal	16713295
CIELab	53.98, 81.36, 32.31
CIElCh	54, 87.539, 21.661
Yxy	21.9548, 0.5768, 0.2965
Android (android.graphics.Color)	4294903375 (0xFFFF064F)
YUV	88.7730, -4.8181, 145.7811
Hunter-Lab	46.8559, 80.7325, 20.9256

# Details

The Hex color **FF064F** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **06FFB6**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF6380**, and **BD0024** is the 20% darker color. If you saturate the color by 10%, you get **FF004B**, and if you desaturate by 10%, it is **FF2061**.

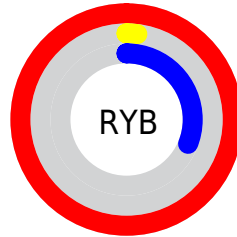
# Distribution



Red (100%)

Green (2%)

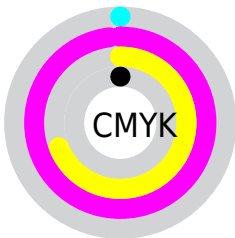
Blue (31%)



Red (100%)

Yellow (2%)

Blue (31%)

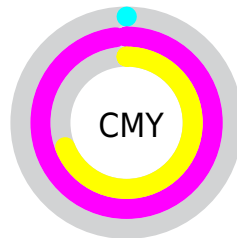


Cyan (0%)

Magenta (98%)

Yellow (69%)

Black (0%)



Cyan (0%)

Magenta (98%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF064F 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 FF064F by changing the saturation by 10% instead.



 FF064F

 FF064F

FFFFFF

 DE0038

 FF6380

 BD0024

 FF839A

 9D0010

 FFA1B4

 7D0001

 FFC0D0

 5D0004

 FFDEEC

 3D0003

 FFFDFF

 190001

 000000

 FF064F

 FF064F

 FF004B

 FF2061

 FF3973

 FF5385

 FF6C97

 FF86A9

 FF9FBB

 FFB9CD

 FFD2DF

 FFECEF

# Harmonies

## Analogous

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



F9009A



FF064F



E25000

# Triad

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



FF064F



009909



0091FF

# Complementary

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



FF064F



06FFB6

# 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.



009DF8



FF064F



009F69

# Square

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



FF064F



688D00



00A0B7



2777FF

# Rectangle

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



FF064F



C26C00



00A0B7



0097FF



# Sweetspot

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



FF064F



FFB5CB



B406FF



805360



000000



808080



# Same Dimension

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



FF064F



FF004B



FF3806



807376



BF0038



400013



# Inverse Universe

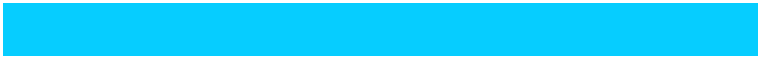
The Inverse Universe completely reimagines the original color for something new.



FF064F



FF004B



06CDFF



807376



BF0038



400013



# Previews

## White Background



This preview shows how the Hex color FF064F looks on a white background.

## Color Contrast Check

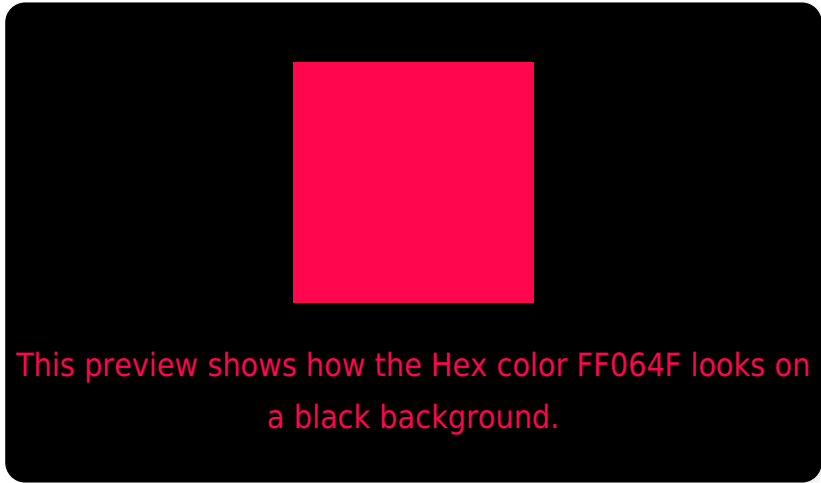
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF064F Background



This preview shows how black text looks on a background with the Hex color FF064F.

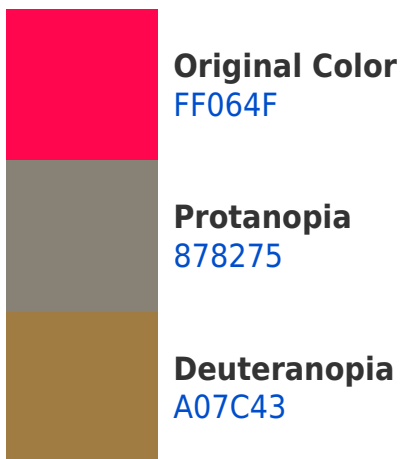


This preview shows how white text looks on a background with the Hex color FF064F.

# 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**  
FF064F



**Protanomaly**  
B35567



**Deuteranomaly**  
C35147



**Tritanomaly**  
FE172E

# Monochromacy



**Original Color**  
FF064F



**Achromatopsia**  
595959



**Achromatomaly**  
953B55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF064F 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 #FF064F looks like.

```
.text, #text, p{  
    color:#FF064F  
}
```

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 #FF064F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF064F
}
```

## Border

The CSS property to change the border of an element to Hex FF064F 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
#FF064F }
```

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

```
.border{ border-color:#FF064F }
```

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

Here you see how a box with a 4 pixel #FF064F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF064F; -webkit-box-shadow:4px 4px  
4px 4px #FF064F; box-shadow:4px 4px 4px  
4px #FF064F }
```

# Background

The CSS property to change the background color of an element to Hex FF064F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF064F }
```

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

```
.background{ background-color:#FF064F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor