

# Converting Colors

Hex(F3074C)

Have a look what the booklet for  
Hex(F3074C) contains.

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**Color**

**Hex(F3074C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F3074C
RGB	243, 7, 76
RGB Percent	95%, 3%, 30%
CMY	0.0471, 0.9725, 0.7020
CMYK	0.00, 0.97, 0.69, 0.05
HSL	342°, 94%, 49%
HSV	342°, 97%, 95%
XYZ	38.3426, 19.7284, 8.6246
YIQ	85.4300, 118.5070, 71.4910

# Conversions

## Conversions Part 2

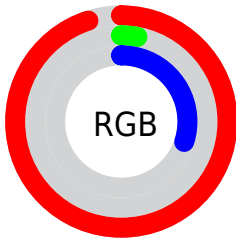
Format	Color
<a href="#">RYB</a>	<a href="#">243, 7, 76</a>
Decimal	<a href="#">15927116</a>
CIELab	<a href="#">51.53, 78.37, 30.54</a>
CIELCh	<a href="#">52, 84.113, 21.287</a>
Yxy	<a href="#">19.7284, 0.5749, 0.2958</a>
Android (android.graphics.Color)	<a href="#">4294117196 (0xFFFF3074C)</a>
YUV	<a href="#">85.4300, -4.6490, 138.1889</a>
Hunter-Lab	<a href="#">44.4167, 76.3605, 19.5791</a>

# Details

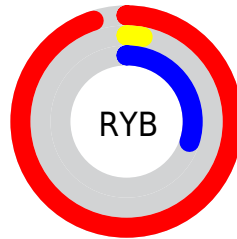
The Hex color **F3074C** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **07F3AE**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF617D**, and **B20021** is the 20% darker color. If you saturate the color by 10%, you get **F30047**, and if you desaturate by 10%, it is **F31F5D**.

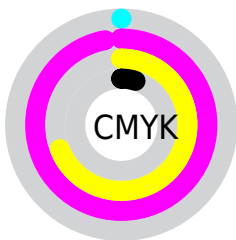
# Distribution



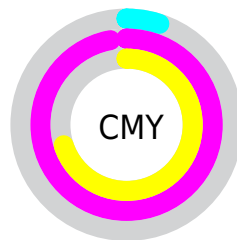
- Red (95%)
- Green (3%)
- Blue (30%)



- Red (95%)
- Yellow (3%)
- Blue (30%)



- Cyan (0%)
- Magenta (97%)
- Yellow (69%)
- Black (5%)



- Cyan (5%)
- Magenta (97%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F3074C 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 F3074C by changing the saturation by 10% instead.



 F3074C

 F3074C

FFFFFF

 D20036

 FF617D

 B20021

 FF8096

 92000C

 FF9EB1

 720002

 FFBCCC

 530004

 FFD8E8

 330002

 FFF9FF

 000000

 F3074C

 F3074C

 F30047

 F31F5D

 F3386E

 F35080

 F36891

 F380A2

 F399B3

 F3B1C4

 F3C9D6

 F3E2E7

# Harmonies

## Analogous

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



EC0093



F3074C



D84C00

# Triad

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



F3074C



009207



008AFF

# Complementary

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



F3074C



07F3AE

# 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.



0096EB



F3074C



009763

# Square

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



F3074C



658600



0099AD



2072FF

# Rectangle

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



F3074C



B96600



0099AD



0090FF



# Sweetspot

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



F3074C



FFB5CB



AC07F3



805360



000000



808080



# Same Dimension

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



F3074C



FF004B



F33607



7A6E72



BA0036



3B0011



# Inverse Universe

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



F3074C



FF004B



07C4F3



7A6E72



BA0036



3B0011



# Previews

## White Background



This preview shows how the Hex color F3074C looks on a white background.

## Color Contrast Check

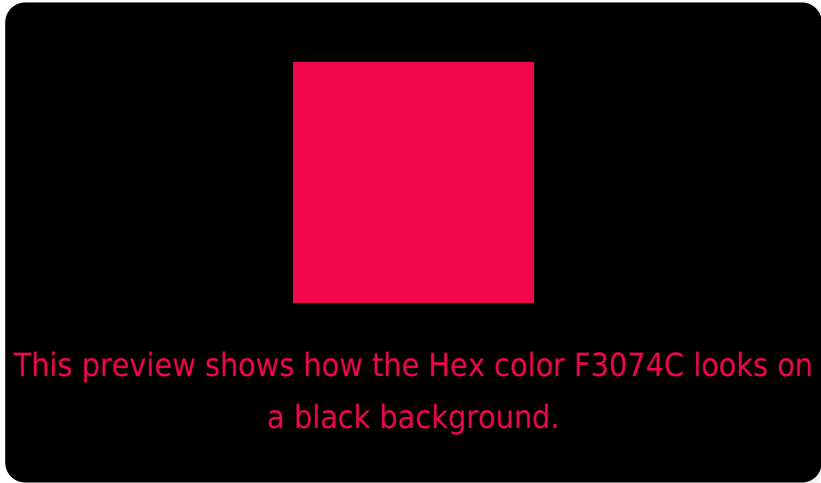
Large Text (above 18pt) WCAG AA ✓ Pass

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 F3074C Background



This preview shows how black text looks on a background with the Hex color F3074C.



This preview shows how white text looks on a background with the Hex color F3074C.

# 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**  
F3074C

**Protanopia**  
817C70

**Deuteranopia**  
987641



**Tritanopia**  
F21F1A

# Trichromacy



**Original Color**  
F3074C



**Protanomaly**  
AA5163



**Deuteranomaly**  
B94E45



**Tritanomaly**  
F2162C

# Monochromacy



**Original Color**  
F3074C



**Achromatopsia**  
555555



**Achromatomaly**  
8E3952

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F3074C 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 #F3074C looks like.

```
.text, #text, p{  
    color:#F3074C  
}
```

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 #F3074C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3074C
}
```

## Border

The CSS property to change the border of an element to Hex F3074C 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".

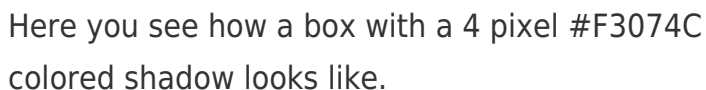
```
.border, #border, table{ border:4px solid
#F3074C }
```

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

```
.border{ border-color:#F3074C }
```

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

Here you see how a box with a 4 pixel #F3074C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3074C; -webkit-box-shadow:4px 4px  
4px 4px #F3074C; box-shadow:4px 4px 4px  
4px #F3074C }
```

# Background

The CSS property to change the background color of an element to Hex F3074C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3074C }
```

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

```
.background{ background-color:#F3074C }
```

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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