

Converting Colors

Hex(F03073)

Have a look what the booklet for
Hex(F03073) contains.

Hex(F03073)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F03073)

Conversions

Conversions Part 1

Format	Color
Hex	F03073
RGB	240, 48, 115
RGB Percent	94%, 19%, 45%
CMY	0.0588, 0.8118, 0.5490
CMYK	0.00, 0.80, 0.52, 0.06
HSL	339°, 86%, 56%
HSV	339°, 80%, 94%
XYZ	40.0866, 21.8770, 18.3295
YIQ	113.0460, 92.9250, 61.5410

Conversions

Conversions Part 2

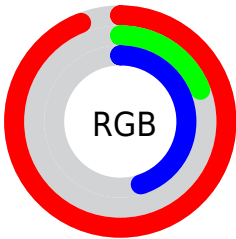
Format	Color
R_{YB}	240, 48, 115
Decimal	15741043
CIE _{Lab}	53.90, 73.69, 10.08
CIE _{LCh}	54, 74.374, 7.789
Yxy	21.8770, 0.4993, 0.2725
Android (android.graphics.Color)	4293931123 (0xFFFF03073)
YUV	113.0460, 0.9633, 111.3387
Hunter-Lab	46.7728, 71.1309, 9.5062

Details

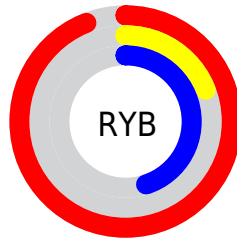
The Hex color **F03073** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle washed rose. A complement of this color would be **30F0AD**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF72A7**, and **B10044** is the 20% darker color. If you saturate the color by 10%, you get **F01863**, and if you desaturate by 10%, it is **F04883**.

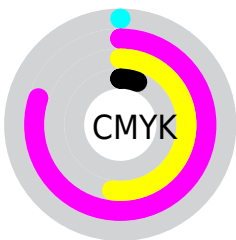
Distribution



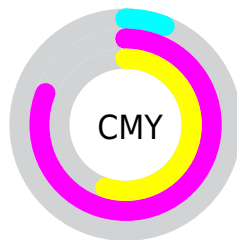
- Red (94%)
- Green (19%)
- Blue (45%)



- Red (94%)
- Yellow (19%)
- Blue (45%)



- Cyan (0%)
- Magenta (80%)
- Yellow (52%)
- Black (6%)



- Cyan (6%)
- Magenta (81%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color F03073 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 F03073 by changing the saturation by 10% instead.

 F03073

 F03073

FFFFFF

 D0005B

 FF72A7

 B10044

 FF90C2

 92002E

 FFADDD

 74001A

 FFCBFA

 560003

 FFE9FF

 370002

 0B0000

 000000

 F03073

 F03073

 F01863

 F04883

 F00054

 F06092

 F078A2

 F090B1

 F0A8C1

 F0C0D1

 F0D8E0

 F0F0F0

 F0FFFF

Harmonies

Analogous

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



D943B3



F03073



E54A35

Triad

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



F03073



459200



0095F8

Complementary

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



F03073



30F0AD

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.



009CCE



F03073



009A4D

Square

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



F03073



8D8400



009D90



0084FF

Rectangle

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



F03073



CF6100



009D90



0098EE

Sweetspot

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



F03073



FFC2D7



AD30F0



805B67



000000



808080

Same Dimension

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



F03073



FF0A60



F04D30



786C70



B80040



380014

Inverse Universe

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



F03073



FF0A60



30D3F0



786C70



B80040



380014

Previews

White Background



This preview shows how the Hex color F03073 looks on a white background.

Color Contrast Check

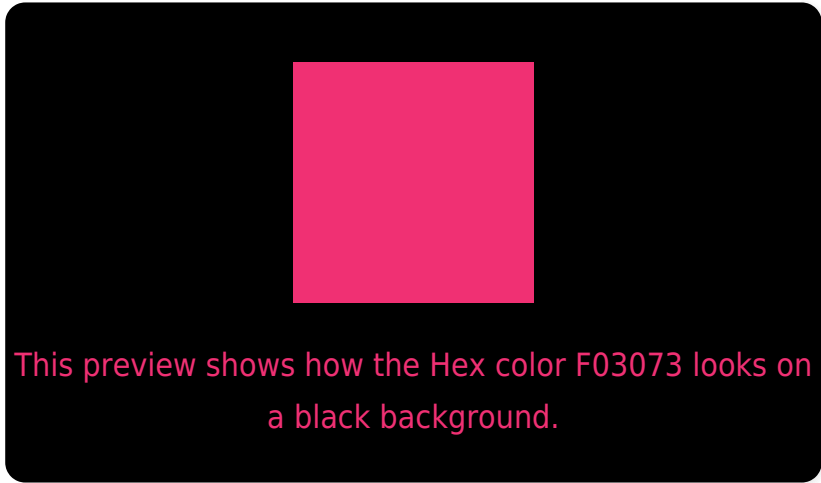
Large Text (above 18pt) WCAG AA ✓ Pass

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 F03073 Background



This preview shows how black text looks on a background with the Hex color F03073.



This preview shows how white text looks on a background with the Hex color F03073.

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
F03073

Protanopia
7B809D

Deuteranopia
967C6A



Trichromacy



Original Color
F03073



Protanomaly
A6638E



Deuteranomaly
B7606D



Tritanomaly
EE3953

Monochromacy



Original Color
F03073



Achromatopsia
717171



Achromatomaly
9F5972

CSS Examples

Text

The CSS property to change the color of the text to Hex F03073 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 #F03073 looks like.

```
.text, #text, p{  
    color:#F03073  
}
```

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 #F03073 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F03073 } }
```

Border

The CSS property to change the border of an element to Hex F03073 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 #F03073 } }
```

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

```
.border{ border-color:#F03073 }
```

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

Here you see how a box with a 4 pixel #F03073 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F03073; -webkit-box-shadow:4px 4px  
4px 4px #F03073; box-shadow:4px 4px 4px  
4px #F03073 }
```

Background

The CSS property to change the background color of an element to Hex F03073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F03073 }
```

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

```
.background{ background-color:#F03073 }
```

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