

Converting Colors

Hex(F50064)

Have a look what the booklet for
Hex(F50064) contains.

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Color

Hex(F50064)

Conversions

Conversions Part 1

Format	Color
Hex	F50064
RGB	245, 0, 100
RGB Percent	96%, 0%, 39%
CMY	0.0392, 1.0000, 0.6078
CMYK	0.00, 1.00, 0.59, 0.04
HSL	336°, 100%, 48%
HSV	336°, 100%, 96%
XYZ	39.9564, 20.3326, 13.8752
YIQ	84.6550, 113.9200, 83.0400

Conversions

Conversions Part 2

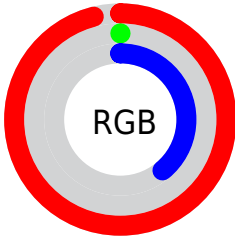
Format	Color
R_{YB}	245, 0, 100
Decimal	16056420
CIE _{Lab}	52.21, 80.54, 16.96
CIE _{LCh}	52, 82.311, 11.892
Yxy	20.3326, 0.5388, 0.2742
Android (android.graphics.Color)	4294246500 (0xFFFF50064)
YUV	84.6550, 7.5651, 140.6226
Hunter-Lab	45.0917, 79.2613, 13.3199

Details

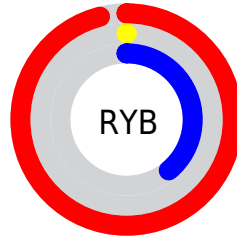
The Hex color **F50064** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **00F591**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF6096**, and **B50036** is the 20% darker color. If you saturate the color by 10%, you get **F50064**, and if you desaturate by 10%, it is **F51872**.

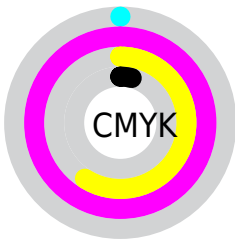
Distribution



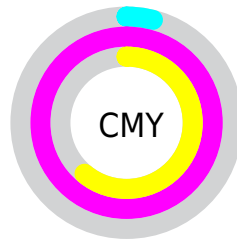
- Red (96%)
- Green (0%)
- Blue (39%)



- Red (96%)
- Yellow (0%)
- Blue (39%)



- Cyan (0%)
- Magenta (100%)
- Yellow (59%)
- Black (4%)



- Cyan (4%)
- Magenta (100%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color F50064 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 F50064 by changing the saturation by 10% instead.

 F50064

 F50064

FFFFFF

 D5004C

 FF6096

 B50036

 FF80B1

 950022

 FF9FCC

 76000C

 FFBDE8

 570004

 FFD8FF

 370002

 FFFAFF

 0A0000

 000000

 F50064

 F51872

 F53181

 F54A8F

 F5629E

 F57BAC

 F593BB

 F5ABC9

 F5C4D8

 F5DDE7

Harmonies

Analogous

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



E224AA



F50064



E4411E

Triad

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



F50064



1C9100



0091FF

Complementary

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



F50064



00F591

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.



0099DA



F50064



00984D

Square

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



F50064



7E8200



009A98



007DFF

Rectangle

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



F50064



CA5D00



009A98



0094FA

Sweetspot

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



F50064



FFB3D2



8F00F5



805264



000000



808080

Same Dimension

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



F50064



FF0068



F51400



7A6E73



BA004C



3B0018

Inverse Universe

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



F50064



FF0068



00E1F5



7A6E73



BA004C



3B0018

Previews

White Background



This preview shows how the Hex color F50064 looks on a white background.

Color Contrast Check

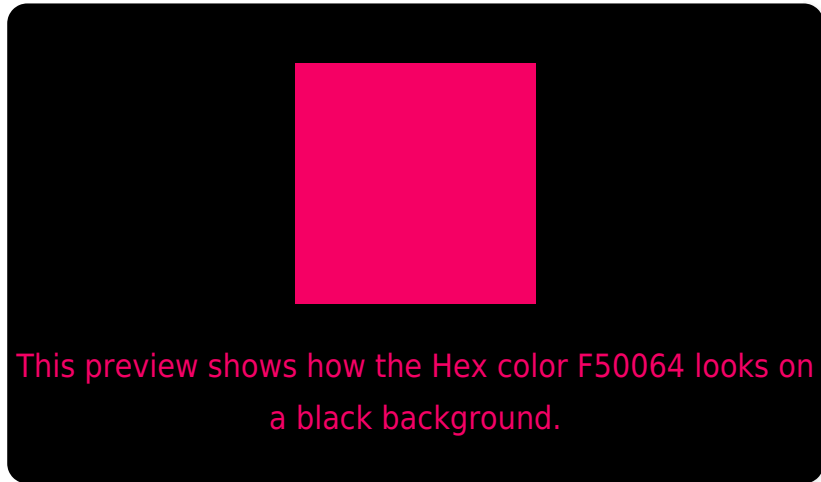
Large Text (above 18pt) WCAG AA ✓ Pass

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 F50064 Background



This preview shows how black text looks on a background with the Hex color F50064.

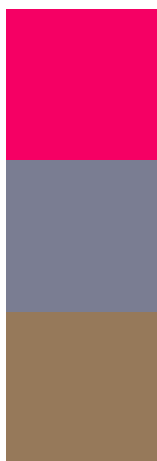


This preview shows how white text looks on a background with the Hex color F50064.

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
F50064

Protanopia
7A7D92

Deuteranopia
96795A



Tritanopia
F32826

Trichromacy



Original Color
F50064



Protanomaly
A75081



Deuteranomaly
B94D5E



Tritanomaly
F4193D

Monochromacy



Original Color
F50064



Achromatopsia
555555



Achromatomaly
8F365A

CSS Examples

Text

The CSS property to change the color of the text to Hex F50064 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 #F50064 looks like.

```
.text, #text, p{  
    color:#F50064  
}
```

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 #F50064 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F50064
}
```

Border

The CSS property to change the border of an element to Hex F50064 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
#F50064 }
```

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

```
.border{ border-color:#F50064 }
```

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

Here you see how a box with a 4 pixel #F50064 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F50064; -webkit-box-shadow:4px 4px  
4px 4px #F50064; box-shadow:4px 4px 4px  
4px #F50064 }
```

Background

The CSS property to change the background color of an element to Hex F50064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F50064 }
```

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

```
.background{ background-color:#F50064 }
```

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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