

# Converting Colors

Hex(F50D64)

Have a look what the booklet for  
Hex(F50D64) contains.

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**Color**

**Hex(F50D64)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F50D64
RGB	245, 13, 100
RGB Percent	96%, 5%, 39%
CMY	0.0392, 0.9490, 0.6078
CMYK	0.00, 0.95, 0.59, 0.04
HSL	338°, 92%, 51%
HSV	338°, 95%, 96%
XYZ	40.1004, 20.6204, 13.9232
YIQ	92.2860, 110.3450, 76.2410

# Conversions

## Conversions Part 2

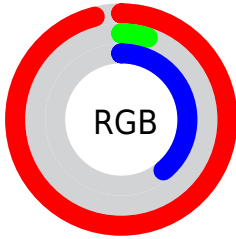
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 13, 100
Decimal	16059748
CIE Lab	52.53, 79.61, 17.40
CIE LCh	53, 81.492, 12.327
Yxy	20.6204, 0.5372, 0.2763
Android (android.graphics.Color)	4294249828 (0xFFFF50D64)
YUV	92.2860, 3.8030, 133.9302
Hunter-Lab	45.4097, 78.1626, 13.6077

# Details

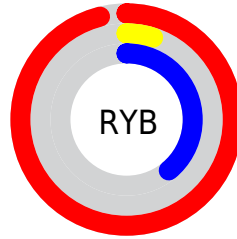
The Hex color **F50D64** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **0DF59E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF6396**, and **B50036** is the 20% darker color. If you saturate the color by 10%, you get **F5005C**, and if you desaturate by 10%, it is **F52673**.

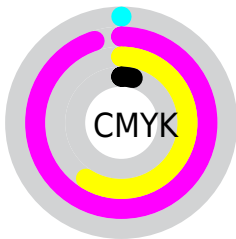
# Distribution



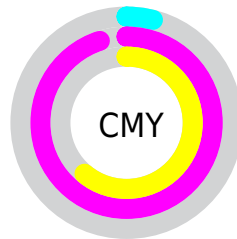
- Red (96%)
- Green (5%)
- Blue (39%)



- Red (96%)
- Yellow (5%)
- Blue (39%)



- Cyan (0%)
- Magenta (95%)
- Yellow (59%)
- Black (4%)



- Cyan (4%)
- Magenta (95%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F50D64 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 F50D64 by changing the saturation by 10% instead.



 F50D64

 F50D64

FFFFFF

 D5004C

 FF6396

 B50036

 FF82B1

 950022

 FFA1CC

 76000C

 FFBFE8

 570004

 FFDDFF

 370002

 FFFCFF

 0B0000

 000000

 F50D64

 F50D64

 F5005C

 F52673

 F53E83

 F55792

 F56FA1

 F588B1

 F5A0C0

 F5B9CF

 F5D1DF

 F5EAEE

# Harmonies

## Analogous

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



E228AA



F50D64



E4431F

# Triad

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



F50D64



1E9200



0091FF

# Complementary

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



F50D64



0DF59E

# 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.



0099DB



F50D64



009850

# Square

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



F50D64



7E8300



009B99



007DFF

# Rectangle

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



F50D64



CA5F00



009B99



0095FA



# Sweetspot

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



F50D64



FFB8D2



9C0DF5



805464



000000



808080



# Same Dimension

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



F50D64



FF0060



F5280D



7A6E73



BA0046



3B0016



# Inverse Universe

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



F50D64



FF0060



0DDAF5



7A6E73



BA0046



3B0016



# Previews

## White Background



This preview shows how the Hex color F50D64 looks on a white background.

## Color Contrast Check

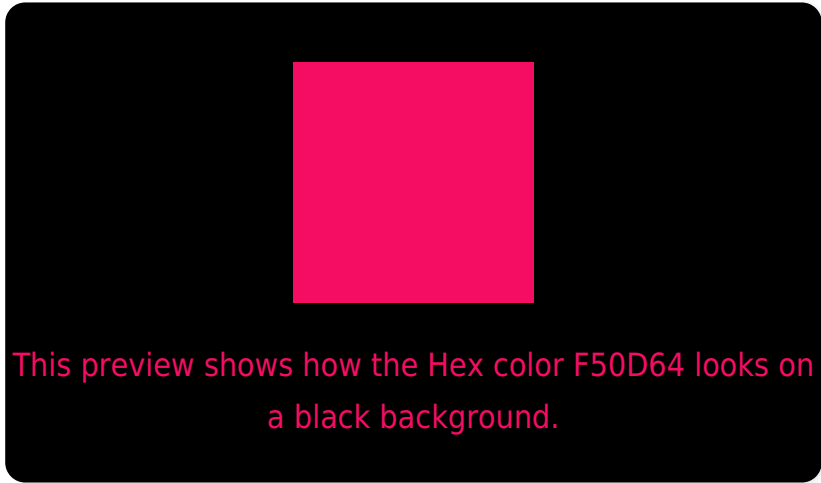
Large Text (above 18pt) WCAG AA ✓ Pass

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 F50D64 Background



This preview shows how black text looks on a background with the Hex color F50D64.



This preview shows how white text looks on a background with the Hex color F50D64.

# 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**  
F50D64

**Protanopia**  
7B7D91

**Deuteranopia**  
96795A



**Tritanopia**  
F32928

# Trichromacy



**Original Color**  
F50D64



**Protanomaly**  
A75481



**Deuteranomaly**  
B9525E



**Tritanomaly**  
F41F3E

# Monochromacy



**Original Color**  
F50D64



**Achromatopsia**  
5C5C5C



**Achromatomaly**  
943F5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F50D64 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 #F50D64 looks like.

```
.text, #text, p{  
    color:#F50D64  
}
```

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 #F50D64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F50D64
}
```

## Border

The CSS property to change the border of an element to Hex F50D64 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
#F50D64 }
```

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

```
.border{ border-color:#F50D64 }
```

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

Here you see how a box with a 4 pixel #F50D64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F50D64; -webkit-box-shadow:4px 4px  
4px 4px #F50D64; box-shadow:4px 4px 4px  
4px #F50D64 }
```

# Background

The CSS property to change the background color of an element to Hex F50D64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F50D64 }
```

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

```
.background{ background-color:#F50D64 }
```

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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