

# Converting Colors

Hex(F00F96)

Have a look what the booklet for  
Hex(F00F96) contains.

<b>Hex(F00F96)</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(F00F96)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F00F96
RGB	240, 15, 150
RGB Percent	94%, 6%, 59%
CMY	0.0588, 0.9412, 0.4118
CMYK	0.00, 0.94, 0.37, 0.06
HSL	324°, 88%, 50%
HSV	324°, 94%, 94%
XYZ	41.6110, 21.0689, 30.7277
YIQ	97.6650, 90.7650, 89.6850

# Conversions

## Conversions Part 2

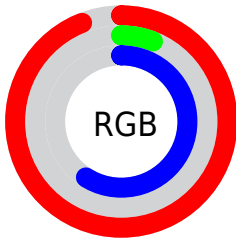
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 15, 150
Decimal	15732630
CIE <sub>Lab</sub>	53.02, 82.14, -12.18
CIE <sub>LCh</sub>	53, 83.036, 351.567
Yxy	21.0689, 0.4455, 0.2256
Android (android.graphics.Color)	4293922710 (0xFFFF00F96)
YUV	97.6650, 25.8012, 124.8278
Hunter-Lab	45.9009, 81.4909, -7.5603

# Details

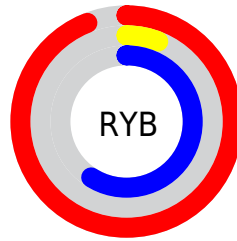
The Hex color **F00F96** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **0FF069**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF64CC**, and **B20063** is the 20% darker color. If you saturate the color by 10%, you get **F00090**, and if you desaturate by 10%, it is **F027A0**.

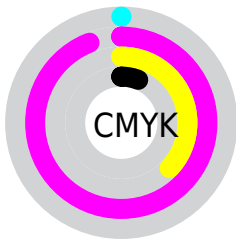
# Distribution



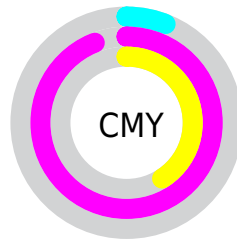
- Red (94%)
- Green (6%)
- Blue (59%)



- Red (94%)
- Yellow (6%)
- Blue (59%)



- Cyan (0%)
- Magenta (94%)
- Yellow (37%)
- Black (6%)



- Cyan (6%)
- Magenta (94%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F00F96 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 F00F96 by changing the saturation by 10% instead.



 F00F96

 F00F96

FFFFFF

 D1007C

 FF64CC

 B20063

 FF84E8

 94004B

 FFA2FF

 750035

 FFC1FF

 580020

 FFDFFF

 3B0003

FFFEFF

 140000

 000000

 F00F96

 F00F96

 F00090

 F027A0

 F03FA9

 F057B3

 F06FBC

 F087C6

 F09FD0

 F0B7D9

 F0CFE3

 F0E7EC

# Harmonies

## Analogous

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



BE4CD9



F00F96



F71C4F

# Triad

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



F00F96



698A00



009AEF

# Complementary

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



F00F96



0FF069

# 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.



009DB2



F00F96



009613

# Square

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



F00F96



AB7500



009B67



008EFF

# Rectangle

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



F00F96



E84220



009B67



009BDD



# Sweetspot

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



F00F96



FFB8E2



690FF0



80546E



000000



808080



# Same Dimension

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



F00F96



FF0099



F00F26



786C73



B8006E



380022



# Inverse Universe

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



F00F96



FF0099



0FF0D9



786C73



B8006E



380022



# Previews

## White Background



This preview shows how the Hex color F00F96 looks on a white background.

## Color Contrast Check

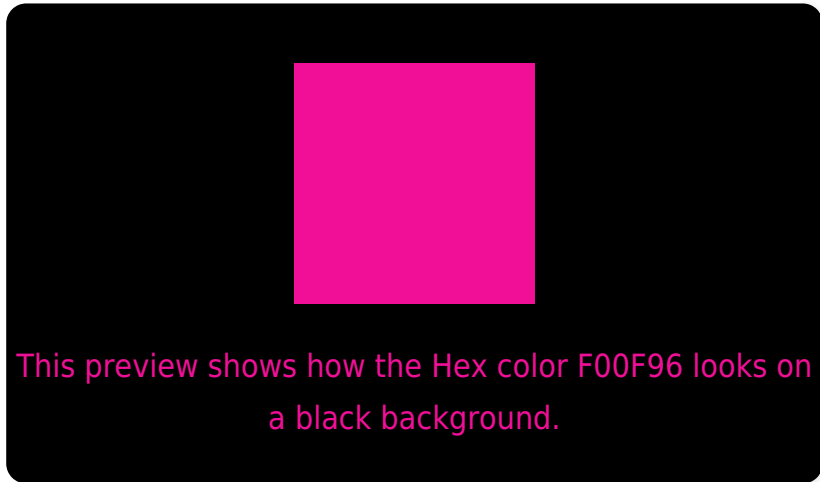
Large Text (above 18pt) WCAG AA ✓ Pass

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 F00F96 Background



This preview shows how black text looks on a background with the Hex color F00F96.



This preview shows how white text looks on a background with the Hex color F00F96.

# 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**  
F00F96



**Protanomaly**  
9155BF



**Deuteranomaly**  
AD5490



**Tritanomaly**  
ED2C5E

# Monochromacy



**Original Color**  
F00F96



**Achromatopsia**  
626262



**Achromatomaly**  
964475

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F00F96 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 #F00F96 looks like.

```
.text, #text, p{  
    color:#F00F96  
}
```

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 #F00F96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F00F96
}
```

## Border

The CSS property to change the border of an element to Hex F00F96 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
#F00F96 }
```

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

```
.border{ border-color:#F00F96 }
```

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

Here you see how a box with a 4 pixel #F00F96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F00F96; -webkit-box-shadow:4px 4px  
4px 4px #F00F96; box-shadow:4px 4px 4px  
4px #F00F96 }
```

# Background

The CSS property to change the background color of an element to Hex F00F96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F00F96 }
```

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

```
.background{ background-color:#F00F96 }
```

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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