

# Converting Colors

Hex(F90060)

Have a look what the booklet for  
Hex(F90060) contains.

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**Color**

**Hex(F90060)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F90060
RGB	249, 0, 96
RGB Percent	98%, 0%, 38%
CMY	0.0235, 1.0000, 0.6235
CMYK	0.00, 1.00, 0.61, 0.02
HSL	337°, 100%, 49%
HSV	337°, 100%, 98%
XYZ	41.1782, 20.9843, 12.9464
YIQ	85.3950, 117.5880, 82.6440

# Conversions

## Conversions Part 2

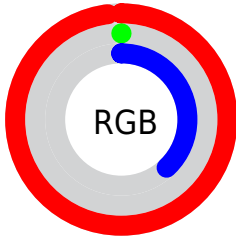
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	249, 0, 96
Decimal	16318560
CIE <sub>Lab</sub>	52.93, 81.22, 20.50
CIE <sub>LCh</sub>	53, 83.764, 14.168
Yxy	20.9843, 0.5482, 0.2794
Android (android.graphics.Color)	4294508640 (0xFFFF90060)
YUV	85.3950, 5.2283, 143.4816
Hunter-Lab	45.8086, 80.2921, 15.3095

# Details

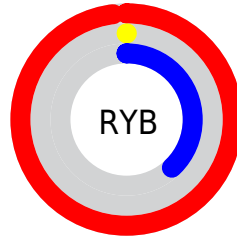
The Hex color **F90060** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **00F999**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF6192**, and **B80033** is the 20% darker color. If you saturate the color by 10%, you get **F90060**, and if you desaturate by 10%, it is **F9196F**.

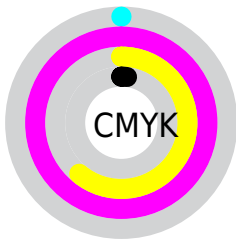
# Distribution



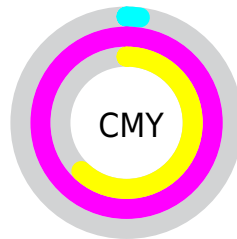
- Red (98%)
- Green (0%)
- Blue (38%)



- Red (98%)
- Yellow (0%)
- Blue (38%)



- Cyan (0%)
- Magenta (100%)
- Yellow (61%)
- Black (2%)



- Cyan (2%)
- Magenta (100%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F90060 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 F90060 by changing the saturation by 10% instead.



 F90060

 F90060

FFFFFF

 D90049

 FF6192

 B80033

 FF81AC

 98001F

 FF9FC8

 790006

 FFBEE4

 5A0004

 FFDCCF

 3A0002

 FFFBFF

 120000

 000000

 F90060

 F9196F

 F9327F

 F94B8E

 F9649D

 F97DAD

 F995BC

 F9AECB

 F9C7DA

 F9E0EA

# Harmonies

## Analogous

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



E91EA8



F90060



E54517

# Triad

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



F90060



009400



0092FF

# Complementary

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



F90060



00F999

# 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.



009BE2



F90060



009A54

# Square

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



F90060



7A8600



009CA0



007CFF

# Rectangle

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



F90060



C96100



009CA0



0096FF



# Sweetspot

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



F90060



FFB3D0



9500F9



805263



000000



808080



# Same Dimension

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



F90060



FF0062



F91900



7D7075



BD0049



3D0018



# Inverse Universe

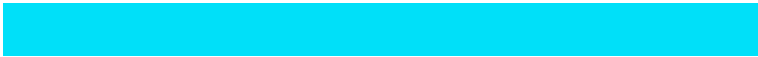
The Inverse Universe completely reimagines the original color for something new.



F90060



FF0062



00E0F9



7D7075



BD0049



3D0018



# Previews

## White Background



This preview shows how the Hex color F90060 looks on a white background.

## Color Contrast Check

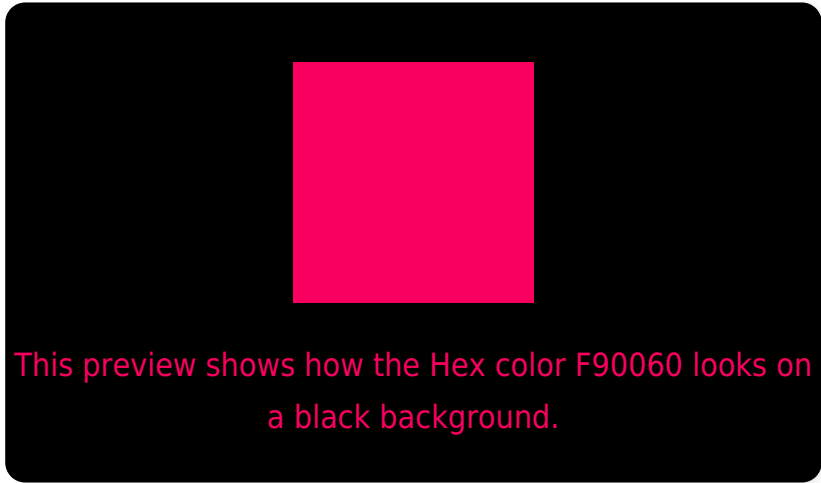
Large Text (above 18pt) WCAG AA ✓ Pass

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 F90060 Background



This preview shows how black text looks on a background with the Hex color F90060.

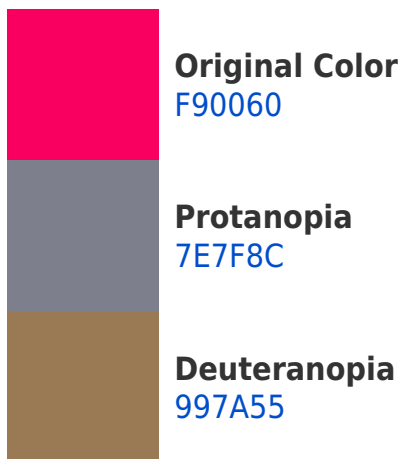


This preview shows how white text looks on a background with the Hex color F90060.

# 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





**Tritanopia**  
F72724

# Trichromacy



**Original Color**  
F90060



**Protanomaly**  
AB517C



**Deuteranomaly**  
BC4E59



**Tritanomaly**  
F8193A

# Monochromacy



**Original Color**  
F90060



**Achromatopsia**  
555555



**Achromatomaly**  
913659

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F90060 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 #F90060 looks like.

```
.text, #text, p{  
    color:#F90060  
}
```

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 #F90060 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F90060
}
```

## Border

The CSS property to change the border of an element to Hex F90060 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
#F90060 }
```

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

```
.border{ border-color:#F90060 }
```

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

Here you see how a box with a 4 pixel #F90060 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F90060; -webkit-box-shadow:4px 4px  
4px 4px #F90060; box-shadow:4px 4px 4px  
4px #F90060 }
```

# Background

The CSS property to change the background color of an element to Hex F90060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F90060 }
```

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

```
.background{ background-color:#F90060 }
```

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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