

# Converting Colors

Hex(F00F4E)

Have a look what the booklet for  
Hex(F00F4E) contains.

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# Color

**Hex(F00F4E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F00F4E
RGB	240, 15, 78
RGB Percent	94%, 6%, 31%
CMY	0.0588, 0.9412, 0.6941
CMYK	0.00, 0.94, 0.67, 0.06
HSL	343°, 88%, 50%
HSV	343°, 94%, 94%
XYZ	37.4811, 19.4170, 8.9801
YIQ	89.4570, 113.8770, 67.2930

# Conversions

## Conversions Part 2

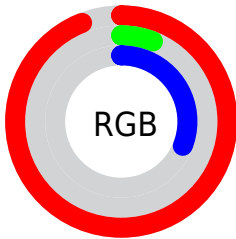
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 15, 78
Decimal	15732558
CIE <sub>Lab</sub>	51.17, 77.13, 28.76
CIE <sub>LCh</sub>	51, 82.312, 20.448
Yxy	19.4170, 0.5689, 0.2947
Android (android.graphics.Color)	4293922638 (0xFFFF00F4E)
YUV	89.4570, -5.6483, 132.0262
Hunter-Lab	44.0647, 74.7178, 18.7624

# Details

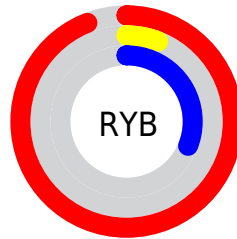
The Hex color **F00F4E** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **0FF0B1**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF627F**, and **AF0023** is the 20% darker color. If you saturate the color by 10%, you get **F00043**, and if you desaturate by 10%, it is **F0275F**.

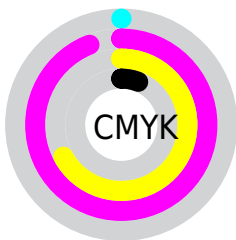
# Distribution



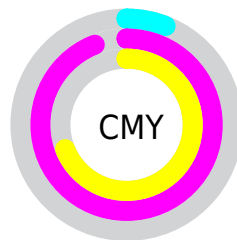
- Red (94%)
- Green (6%)
- Blue (31%)



- Red (94%)
- Yellow (6%)
- Blue (31%)



- Cyan (0%)
- Magenta (94%)
- Yellow (67%)
- Black (6%)



- Cyan (6%)
- Magenta (94%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F00F4E 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 F00F4E by changing the saturation by 10% instead.



 F00F4E

 F00F4E

FFFFFF

 D00038

 FF627F

 AF0023

 FF8199

 8F000F

 FF9FB3

 700002

 FFBDCE

 510004

 FFD8E8

 310002

 FFFAFF

 000000

 F00F4E

 F00F4E

 F00043

 F0275F

 F03F71

 F05782

 F06F93

 F087A4

 F09FB6

 F0B7C7

 F0CFD8

 F0E7EA

# Harmonies

## Analogous

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



E80494



F00F4E



D74B00

# Triad

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



F00F4E



009006



008AFF

# Complementary

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



F00F4E



0FF0B1

# 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.



0095E6



F00F4E



009660

# Square

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



F00F4E



678500



0097A9



1772FF

# Rectangle

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



F00F4E



B96500



0097A9



008FFF



# Sweetspot

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



F00F4E



FFB8CC



B00FF0



805460



000000



808080



# Same Dimension

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



F00F4E



FF0047



F0400F



786C6F



B80033



380010



# Inverse Universe

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



F00F4E



FF0047



0FBFF0



786C6F



B80033



380010



# Previews

## White Background



This preview shows how the Hex color F00F4E looks on a white background.

## Color Contrast Check

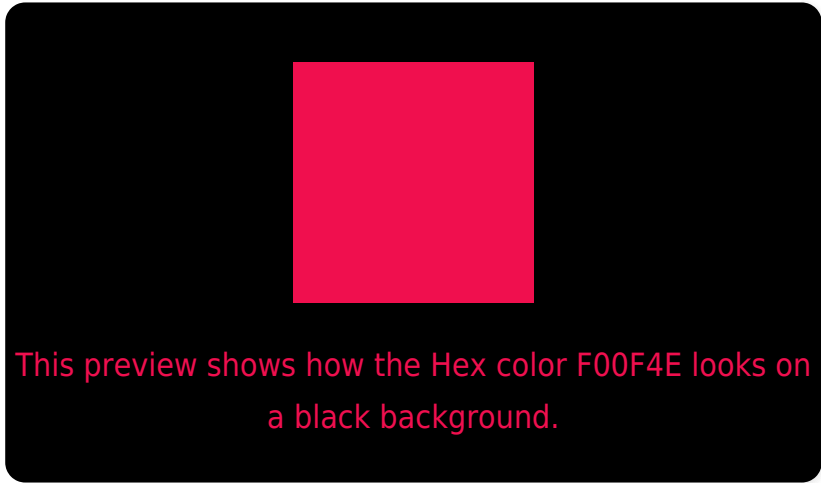
Large Text (above 18pt) WCAG AA ✓ Pass

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 F00F4E Background



This preview shows how black text looks on a background with the Hex color F00F4E.



This preview shows how white text looks on a background with the Hex color F00F4E.

# 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**  
F0F4E

**Protanopia**  
7F7A72

**Deuteranopia**  
967543



# Trichromacy



**Original Color**  
F00F4E



**Protanomaly**  
A85365



**Deuteranomaly**  
B75047



**Tritanomaly**  
EF1B2F

# Monochromacy



**Original Color**  
F00F4E



**Achromatopsia**  
595959



**Achromatomaly**  
903E55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F00F4E 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 #F00F4E looks like.

```
.text, #text, p{  
    color:#F00F4E  
}
```

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 #F00F4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F00F4E
}
```

## Border

The CSS property to change the border of an element to Hex F00F4E 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
#F00F4E }
```

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

```
.border{ border-color:#F00F4E }
```

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

Here you see how a box with a 4 pixel #F00F4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F00F4E; -webkit-box-shadow:4px 4px  
4px 4px #F00F4E; box-shadow:4px 4px 4px  
4px #F00F4E }
```

# Background

The CSS property to change the background color of an element to Hex F00F4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F00F4E }
```

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

```
.background{ background-color:#F00F4E }
```

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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