

Converting Colors

Hex(F00036)

Have a look what the booklet for
Hex(F00036) contains.

Hex(F00036)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F00036)

Conversions

Conversions Part 1

Format	Color
Hex	F00036
RGB	240, 0, 54
RGB Percent	94%, 0%, 21%
CMY	0.0588, 1.0000, 0.7882
CMYK	0.00, 1.00, 0.78, 0.06
HSL	346°, 100%, 47%
HSV	346°, 100%, 94%
XYZ	36.6010, 18.7916, 5.1881
YIQ	77.9160, 125.7060, 67.6740

Conversions

Conversions Part 2

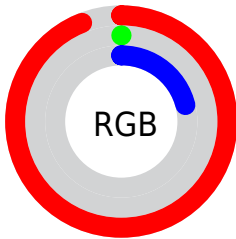
Format	Color
R_{YB}	240, 0, 54
Decimal	15728694
CIE Lab	50.44, 77.38, 42.05
CIE LCh	50, 88.063, 28.522
Yxy	18.7916, 0.6042, 0.3102
Android (android.graphics.Color)	4293918774 (0xFFFF0036)
YUV	77.9160, -11.7906, 142.1477
Hunter-Lab	43.3493, 74.8514, 23.2486

Details

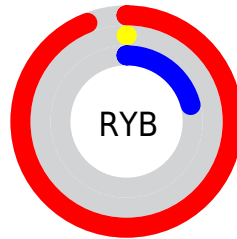
The Hex color **F00036** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **00F0BA**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **FF5E65**, and **AE000C** is the 20% darker color. If you saturate the color by 10%, you get **F00036**, and if you desaturate by 10%, it is **F01849**.

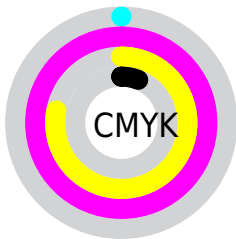
Distribution



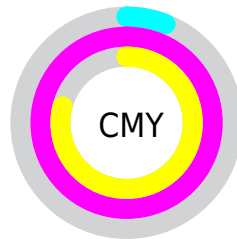
- Red (94%)
- Green (0%)
- Blue (21%)



- Red (94%)
- Yellow (0%)
- Blue (21%)



- Cyan (0%)
- Magenta (100%)
- Yellow (78%)
- Black (6%)



- Cyan (6%)
- Magenta (100%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color F00036 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 F00036 by changing the saturation by 10% instead.

 F00036

 F00036

FFFFFF

 CF0020

 FF5E65

 AE000C

 FF7D7E

 8E0000

 FF9B98

 6E0002

 FFB9B3

 500004

 FFD8CF

 2F0002

 FFF6EB

 000000

 F00036

 F01849

 F0305B

 F0486E

 F06080

 F07893

 F090A6

 F0A8B8

 F0C0CB

 F0D8DD

Harmonies

Analogous

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



F3007F



F00036



CD5100

Triad

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



F00036



00911D



0084FF

Complementary

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



F00036



00F0BA

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.



0092F9



F00036



009672

Square

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



F00036



498800



0096BF



5B65FE

Rectangle

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



F00036



AA6B00



0096BF



008AFF

Sweetspot

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



F00036



FFB3C4



B800F0



80525C



000000



808080

Same Dimension

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



F00036



FF0039



F04000



786C6F



B80029



38000D

Inverse Universe

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



F00036



FF0039



00B0F0



786C6F



B80029



38000D

Previews

White Background



This preview shows how the Hex color F00036 looks on a white background.

Color Contrast Check

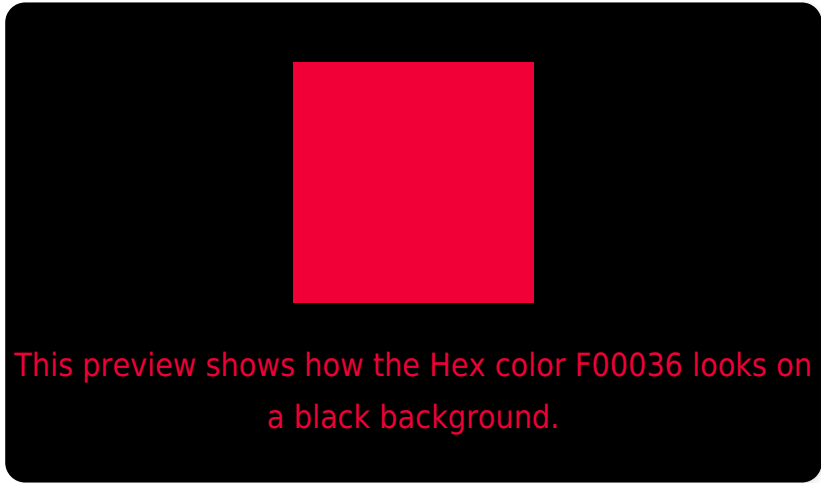
Large Text (above 18pt) WCAG AA ✓ Pass

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 F0036 Background



This preview shows how black text looks on a background with the Hex color F0036.



This preview shows how white text looks on a background with the Hex color F0036.

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
F00036

Protanopia
847A52

Deuteranopia
987427



Tritanopia
EF170A

Trichromacy



Original Color
F00036



Protanomaly
AB4E48



Deuteranomaly
B84A2C



Tritanomaly
EF0F1A

Monochromacy



Original Color
F00036



Achromatopsia
4E4E4E



Achromatomaly
893245

CSS Examples

Text

The CSS property to change the color of the text to Hex F00036 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 #F00036 looks like.

```
.text, #text, p{  
    color:#F00036  
}
```

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 #F00036 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F00036
}
```

Border

The CSS property to change the border of an element to Hex F00036 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".

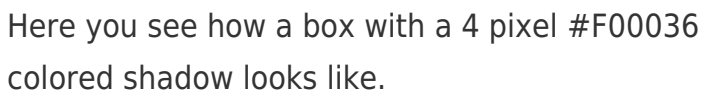
```
.border, #border, table{ border:4px solid
#F00036 }
```

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

```
.border{ border-color:#F00036 }
```

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

Here you see how a box with a 4 pixel #F00036 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #F00036 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F00036; -webkit-box-shadow:4px 4px  
4px 4px #F00036; box-shadow:4px 4px 4px  
4px #F00036 }
```

Background

The CSS property to change the background color of an element to Hex F00036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F00036 }
```

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

```
.background{ background-color:#F00036 }
```

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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