

Converting Colors

Hex(F40036)

Have a look what the booklet for
Hex(F40036) contains.

Hex(F40036)	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(F40036)

Conversions

Conversions Part 1

Format	Color
Hex	F40036
RGB	244, 0, 54
RGB Percent	96%, 0%, 21%
CMY	0.0431, 1.0000, 0.7882
CMYK	0.00, 1.00, 0.78, 0.04
HSL	347°, 100%, 48%
HSV	347°, 100%, 96%
XYZ	37.9741, 19.4994, 5.2523
YIQ	79.1120, 128.0900, 68.5220

Conversions

Conversions Part 2

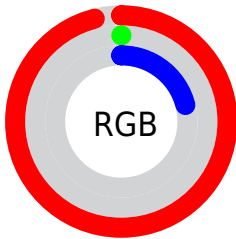
Format	Color
R _Y B	244, 0, 54
Decimal	15990838
CIE Lab	51.27, 78.32, 43.17
CIE LCh	51, 89.428, 28.865
Yxy	19.4994, 0.6054, 0.3109
Android (android.graphics.Color)	4294180918 (0xFFFF40036)
YUV	79.1120, -12.3802, 144.6068
Hunter-Lab	44.1582, 76.2253, 23.8585

Details

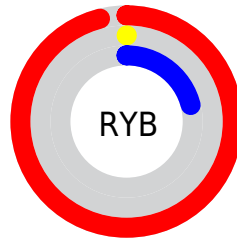
The Hex color **F40036** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **00F4BE**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FF5F65**, and **B2000C** is the 20% darker color. If you saturate the color by 10%, you get **F40036**, and if you desaturate by 10%, it is **F41849**.

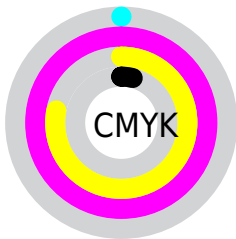
Distribution



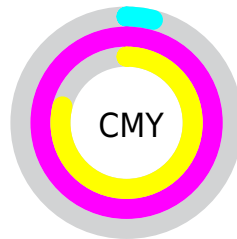
- Red (96%)
- Green (0%)
- Blue (21%)



- Red (96%)
- Yellow (0%)
- Blue (21%)



- Cyan (0%)
- Magenta (100%)
- Yellow (78%)
- Black (4%)



- Cyan (4%)
- Magenta (100%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color F40036 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 F40036 by changing the saturation by 10% instead.

 F40036

 F40036

FFFFFF

 D30020

 FF5F65

 B2000C

 FF7E7E

 910000

 FF9D98

 710002

 FFBBB3

 530004

 FFD9CF

 320002

 FFF7EB

 000000

 F40036

 F41849

 F4315C

 F4496F

 F46282

 F47A95

 F492A8

 F4ABBB

 F4C3CE

 F4DCE1

Harmonies

Analogous

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



F80081



F40036



D05300

Triad

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



F40036



00941E



0086FF

Complementary

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



F40036



00F4BE

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.



0095FE



F40036



009875

Square

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



F40036



498A00



0099C3



5F67FF

Rectangle

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



F40036



AC6D00



0099C3



008CFF

Sweetspot

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



F40036



FFB3C3



BB00F4



80525C



000000



808080

Same Dimension

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



F40036



FF0038



F44100



7A6E71



BA0029



3B000D

Inverse Universe

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



F40036



FF0038



00B3F4



7A6E71



BA0029



3B000D

Previews

White Background



This preview shows how the Hex color F40036 looks on a white background.

Color Contrast Check

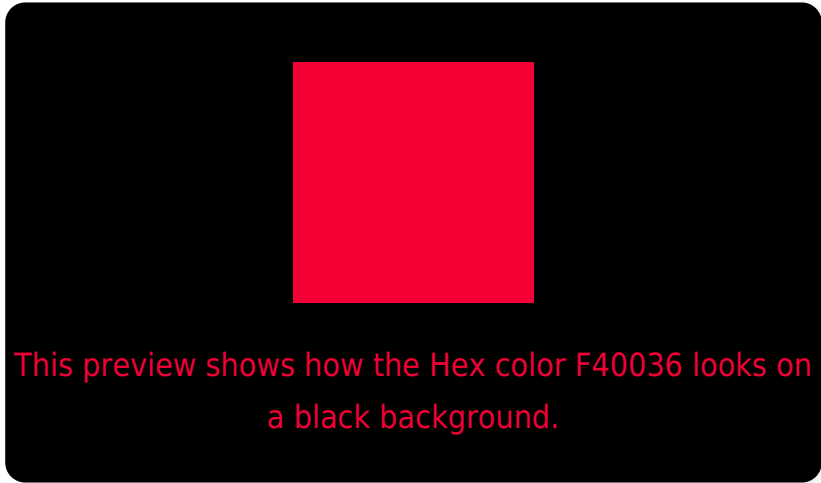
Large Text (above 18pt) WCAG AA ✓ Pass

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 F40036 Background



This preview shows how black text looks on a background with the Hex color F40036.

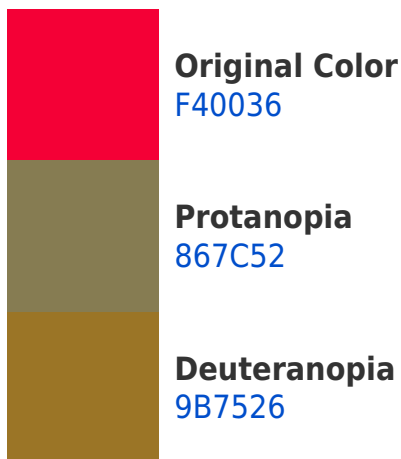


This preview shows how white text looks on a background with the Hex color F40036.

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
F3170A

Trichromacy



Original Color
F40036



Protanomaly
AE4F48



Deuteranomaly
BB4A2C



Tritanomaly
F30F1A

Monochromacy



Original Color
F40036



Achromatopsia
4F4F4F



Achromatomaly
8B3246

CSS Examples

Text

The CSS property to change the color of the text to Hex F40036 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 #F40036 looks like.

```
.text, #text, p{  
    color:#F40036  
}
```

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 #F40036 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F40036
}
```

Border

The CSS property to change the border of an element to Hex F40036 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".

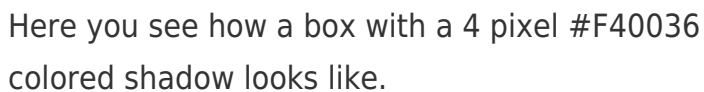
```
.border, #border, table{ border:4px solid
#F40036 }
```

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

```
.border{ border-color:#F40036 }
```

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

Here you see how a box with a 4 pixel #F40036 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 #F40036 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F40036; -webkit-box-shadow:4px 4px  
4px 4px #F40036; box-shadow:4px 4px 4px  
4px #F40036 }
```

Background

The CSS property to change the background color of an element to Hex F40036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F40036 }
```

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

```
.background{ background-color:#F40036 }
```

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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