

Converting Colors

Hex(F40F33)

Have a look what the booklet for
Hex(F40F33) contains.

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Color

Hex(F40F33)

Conversions

Conversions Part 1

Format	Color
Hex	F40F33
RGB	244, 15, 51
RGB Percent	96%, 6%, 20%
CMY	0.0431, 0.9412, 0.8000
CMYK	0.00, 0.94, 0.79, 0.04
HSL	351°, 91%, 51%
HSV	351°, 94%, 96%
XYZ	38.0766, 19.8138, 4.9495
YIQ	87.5750, 124.9280, 59.7440

Conversions

Conversions Part 2

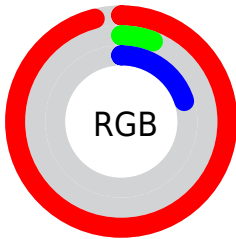
Format	Color
R_{YB}	244, 15, 51
Decimal	15994675
CIE Lab	51.63, 77.10, 45.22
CIE LCh	52, 89.380, 30.392
Yxy	19.8138, 0.6059, 0.3153
Android (android.graphics.Color)	4294184755 (0xFFFF40F33)
YUV	87.5750, -18.0315, 137.1847
Hunter-Lab	44.5127, 74.7936, 24.5662

Details

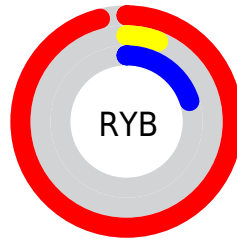
The Hex color **F40F33** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **0FF4D0**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF6262**, and **B20008** is the 20% darker color. If you saturate the color by 10%, you get **F40026**, and if you desaturate by 10%, it is **F42748**.

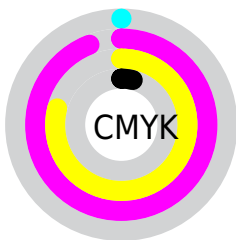
Distribution



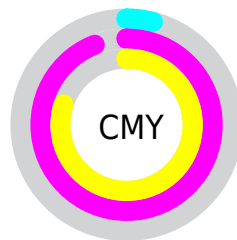
- Red (96%)
- Green (6%)
- Blue (20%)



- Red (96%)
- Yellow (6%)
- Blue (20%)



- Cyan (0%)
- Magenta (94%)
- Yellow (79%)
- Black (4%)



- Cyan (4%)
- Magenta (94%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color F40F33 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 F40F33 by changing the saturation by 10% instead.

 F40F33

 F40F33

FFFFFF

 D3001D

 FF6262

 B20008

 FF817B

 910000

 FF9F95

 710001

 FFBD00

 530004

 FFDBCC

 330002

 FFFAE8

 000000

 F40F33

 F40F33

 F40026

 F42748

 F4405C

 F45871

 F47185

 F4899A

 F4A1AE

 F4BAC3

 F4D2D8

 F4EBEC

Harmonies

Analogous

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



F9007E



F40F33



CF5600

Triad

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



F40F33



009525



0086FF

Complementary

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



F40F33



0FF4D0

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.



0095FF



F40F33



00997A

Square

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



F40F33



458C00



009AC7



6A65FF

Rectangle

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



F40F33



AA6F00



009AC7



008CFF

Sweetspot

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



F40F33



FFB8C3



CE0FF4



80545B



000000



808080

Same Dimension

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



F40F33



FF0028



F45B0F



7A6E70



BA001D



3B0009

Inverse Universe

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



F40F33



FF0028



0FA8F4



7A6E70



BA001D



3B0009

Previews

White Background



This preview shows how the Hex color F40F33 looks on a white background.

Color Contrast Check

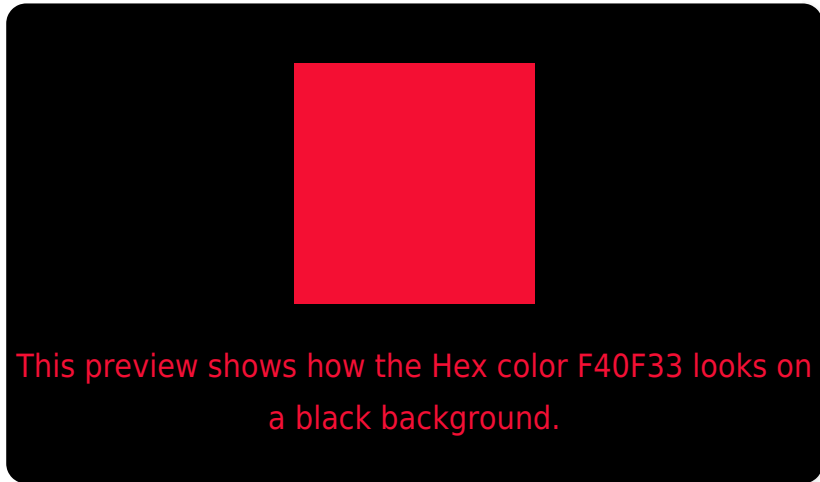
Large Text (above 18pt) WCAG AA ✓ Pass

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 F40F33 Background



This preview shows how black text looks on a background with the Hex color F40F33.



This preview shows how white text looks on a background with the Hex color F40F33.

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
F40F33

Protanopia
877C4E

Deuteranopia
9C7622



Tritanopia
F31910

Trichromacy



Original Color
F40F33



Protanomaly
AF5444



Deuteranomaly
BC5128



Tritanomaly
F3151D

Monochromacy



Original Color
F40F33



Achromatopsia
585858



Achromatomaly
913D4B

CSS Examples

Text

The CSS property to change the color of the text to Hex F40F33 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 #F40F33 looks like.

```
.text, #text, p{  
    color:#F40F33  
}
```

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 #F40F33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F40F33
}
```

Border

The CSS property to change the border of an element to Hex F40F33 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".

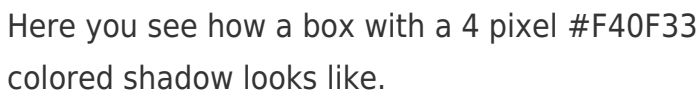
```
.border, #border, table{ border:4px solid
#F40F33 }
```

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

```
.border{ border-color:#F40F33 }
```

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

Here you see how a box with a 4 pixel #F40F33 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F40F33; -webkit-box-shadow:4px 4px  
4px 4px #F40F33; box-shadow:4px 4px 4px  
4px #F40F33 }
```

Background

The CSS property to change the background color of an element to Hex F40F33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F40F33 }
```

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

```
.background{ background-color:#F40F33 }
```

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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