

Converting Colors

Hex(F53036)

Have a look what the booklet for
Hex(F53036) contains.

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Color

Hex(F53036)

Conversions

Conversions Part 1

Format	Color
Hex	F53036
RGB	245, 48, 54
RGB Percent	96%, 19%, 21%
CMY	0.0392, 0.8118, 0.7882
CMYK	0.00, 0.80, 0.78, 0.04
HSL	358°, 91%, 57%
HSV	358°, 80%, 96%
XYZ	39.3790, 21.7927, 5.6209
YIQ	107.5870, 115.4860, 43.6300

Conversions

Conversions Part 2

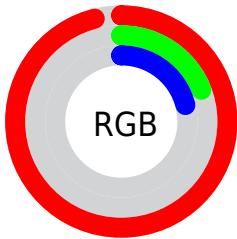
Format	Color
R_{YB}	245, 48, 54
Decimal	16068662
CIE _{Lab}	53.81, 71.86, 45.89
CIE _{LCh}	54, 85.257, 32.562
Yxy	21.7927, 0.5896, 0.3263
Android (android.graphics.Color)	4294258742 (0xFFFF53036)
YUV	107.5870, -26.4184, 120.5112
Hunter-Lab	46.6827, 68.8783, 25.5389

Details

The Hex color **F53036** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **30F5EF**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF7166**, and **B4000A** is the 20% darker color. If you saturate the color by 10%, you get **F5181E**, and if you desaturate by 10%, it is **F5494E**.

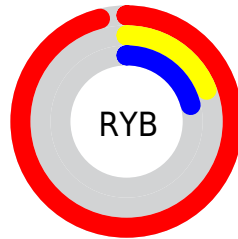
Distribution



Red (96%)

Green (19%)

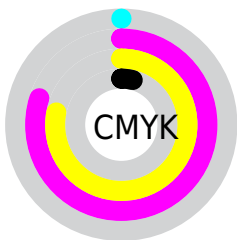
Blue (21%)



Red (96%)

Yellow (19%)

Blue (21%)

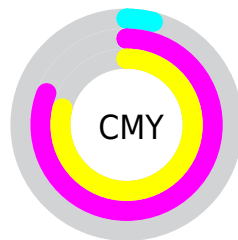


Cyan (0%)

Magenta (80%)

Yellow (78%)

Black (4%)



Cyan (4%)

Magenta (81%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color F53036 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 F53036 by changing the saturation by 10% instead.

 F53036

 F53036

FFFFFF

 D40020

 FF7166

 B4000A

 FF8F7F

 930000

 FFAC99

 730000

 FFCAB4

 540003

 FFE8D0

 360002

 FFFFEC

 050000

 000000

 F53036

 F53036

 F5181E

 F5494E

 F50007

 F56166

 F57A7D

 F59295

 F5ABAD

 F5C3C5

 F5DCDC

 F5F4F4

 F5FFFF

Harmonies

Analogous

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



FC007E



F53036



D06100

Triad

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



F53036



009B36



0089FF

Complementary

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



F53036



30F5EF

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.



0099FF



F53036



009F85

Square

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



F53036



499200



009FCF



7F69FE

Rectangle

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



F53036



AC7700



009FCF



0090FF

Sweetspot

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



F53036



FFC2C4



EE30F5



805B5C



000000



808080

Same Dimension

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



F53036



FF0A12



F58C30



7A6E6F



BA0006



3B0002

Inverse Universe

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



F53036



FF0A12



3099F5



7A6E6F



BA0006



3B0002

Previews

White Background



This preview shows how the Hex color F53036 looks on a white background.

Color Contrast Check

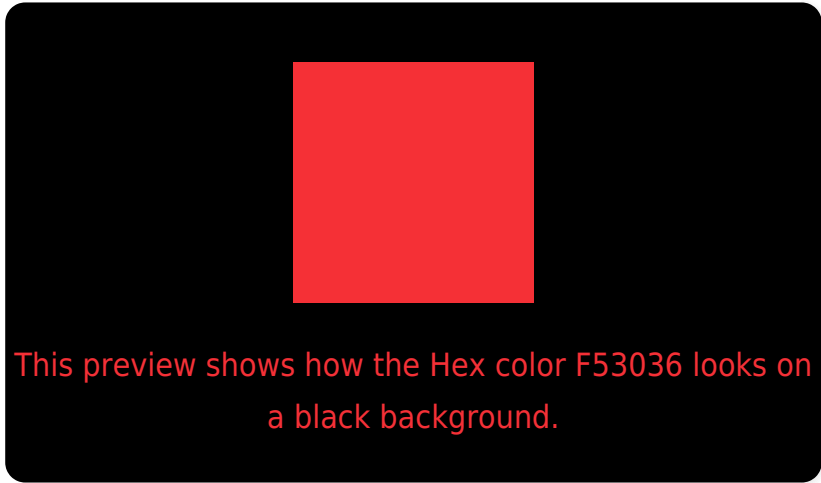
Large Text (above 18pt) WCAG AA ✓ Pass

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 F53036 Background



This preview shows how black text looks on a background with the Hex color F53036.



This preview shows how white text looks on a background with the Hex color F53036.

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
F53036

Protanopia
8D814E

Deuteranopia
A27B27



Tritanopia
F53131

Trichromacy



Original Color
F53036

Protanomaly
B36445

Deuteranomaly
C0602C

Tritanomaly
F53133

Monochromacy



Original Color
F53036

Achromatopsia
6C6C6C

Achromatomaly
9E5658

CSS Examples

Text

The CSS property to change the color of the text to Hex F53036 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 #F53036 looks like.

```
.text, #text, p{  
  color:#F53036  
}
```

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 #F53036 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F53036
}
```

Border

The CSS property to change the border of an element to Hex F53036 is called "border". The border property can be set on classes, ids or directly on the HTML element.

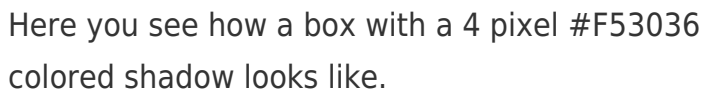
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F53036 }
```

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

```
.border{ border-color:#F53036 }
```

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



Here you see how a box with a 4 pixel #F53036 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F53036; -webkit-box-shadow:4px 4px  
4px 4px #F53036; box-shadow:4px 4px 4px  
4px #F53036 }
```

Background

The CSS property to change the background color of an element to Hex F53036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F53036 }
```

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

```
.background{ background-color:#F53036 }
```

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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