

# Converting Colors

Hex(F51633)

Have a look what the booklet for  
Hex(F51633) contains.

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**Color**

**Hex(F51633)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F51633
RGB	245, 22, 51
RGB Percent	96%, 9%, 20%
CMY	0.0392, 0.9137, 0.8000
CMYK	0.00, 0.91, 0.79, 0.04
HSL	352°, 92%, 52%
HSV	352°, 91%, 96%
XYZ	38.5406, 20.2253, 5.0045
YIQ	91.9830, 123.5990, 56.2950

# Conversions

## Conversions Part 2

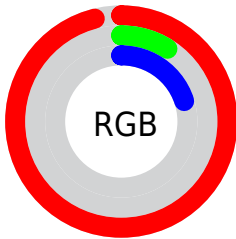
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 22, 51
Decimal	16062003
CIE Lab	52.09, 76.59, 45.76
CIE LCh	52, 89.213, 30.857
Yxy	20.2253, 0.6044, 0.3172
Android (android.graphics.Color)	4294252083 (0xFFFF51633)
YUV	91.9830, -20.2046, 134.1959
Hunter-Lab	44.9726, 74.2692, 24.8830

# Details

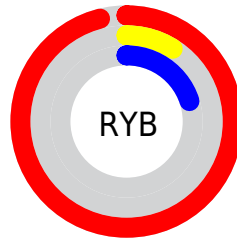
The Hex color **F51633** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **16F5D8**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF6462**, and **B30007** is the 20% darker color. If you saturate the color by 10%, you get **F50020**, and if you desaturate by 10%, it is **F52F48**.

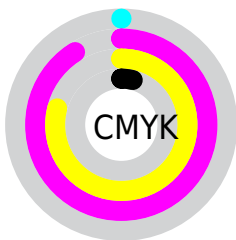
# Distribution



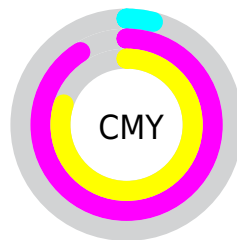
- Red (96%)
- Green (9%)
- Blue (20%)



- Red (96%)
- Yellow (9%)
- Blue (20%)



- Cyan (0%)
- Magenta (91%)
- Yellow (79%)
- Black (4%)



- Cyan (4%)
- Magenta (91%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F51633 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 F51633 by changing the saturation by 10% instead.



 F51633

 F51633

FFFFFF

 D4001D

 FF6462

 B30007

 FF837B

 920000

 FFA195

 720001

 FFBF00

 530004

 FFDDCC

 340002

 FFFCE8

 000000

 F51633

 F51633

 F50020

 F52F48

 F5475E

 F56073

 F57888

 F5919E

 F5A9B3

 F5C2C8

 F5DADE

 F5F3F3

# Harmonies

## Analogous

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



FB007E



F51633



D05800

# Triad

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



F51633



009728



0087FF

# Complementary

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



F51633



16F5D8

# 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.



0096FF



F51633



009B7C

# Square

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



F51633



458D00



009BCA



6E66FF

# Rectangle

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



F51633



AB7100



009BCA



008DFF



# Sweetspot

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



F51633



FFBAC3



D716F5



80575C



000000



808080



# Same Dimension

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



F51633



FF0021



F56816



7A6E70



BA0018



3B0008



# Inverse Universe

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



F51633



FF0021



16A3F5



7A6E70



BA0018



3B0008



# Previews

## White Background



This preview shows how the Hex color F51633 looks on a white background.

## Color Contrast Check

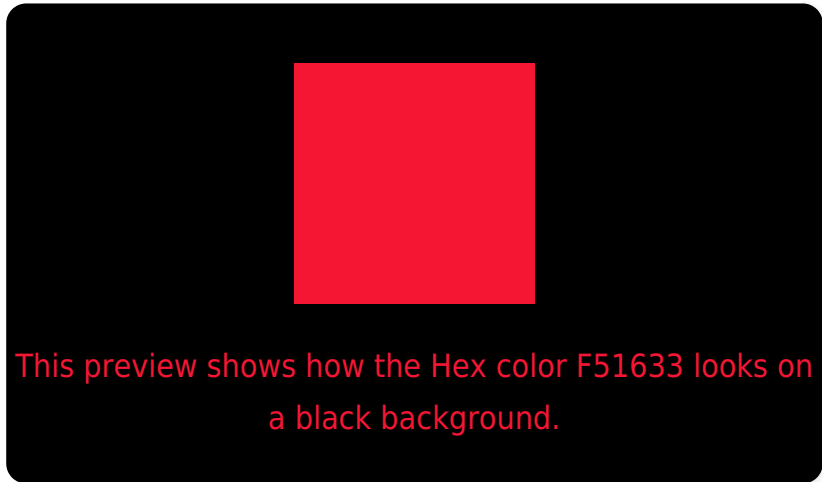
Large Text (above 18pt) WCAG AA ✓ Pass

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 F51633 Background



This preview shows how black text looks on a background with the Hex color F51633.



This preview shows how white text looks on a background with the Hex color F51633.

# 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**  
F51633

**Protanopia**  
887D4E

**Deuteranopia**  
9D7722



**Tritanopia**  
F51D16

# Trichromacy



**Original Color**  
F51633



**Protanomaly**  
B05844



**Deuteranomaly**  
BD5428



**Tritanomaly**  
F51A21

# Monochromacy



**Original Color**  
F51633



**Achromatopsia**  
5C5C5C



**Achromatomaly**  
94434D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F51633 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 #F51633 looks like.

```
.text, #text, p{  
    color:#F51633  
}
```

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 #F51633 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F51633
}
```

## Border

The CSS property to change the border of an element to Hex F51633 is called "border". The border property can be set on classes, ids or directly on the HTML element.

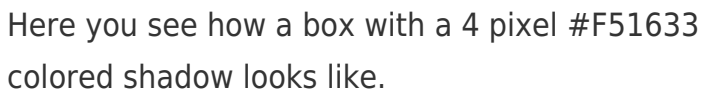
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F51633 }
```

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

```
.border{ border-color:#F51633 }
```

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



Here you see how a box with a 4 pixel #F51633 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F51633; -webkit-box-shadow:4px 4px  
4px 4px #F51633; box-shadow:4px 4px 4px  
4px #F51633 }
```

# Background

The CSS property to change the background color of an element to Hex F51633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F51633 }
```

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

```
.background{ background-color:#F51633 }
```

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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