

# Converting Colors

Hex(F53150)

Have a look what the booklet for  
Hex(F53150) contains.

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# Color

**Hex(F53150)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F53150
RGB	245, 49, 80
RGB Percent	96%, 19%, 31%
CMY	0.0392, 0.8078, 0.6863
CMYK	0.00, 0.80, 0.67, 0.04
HSL	351°, 91%, 58%
HSV	351°, 80%, 96%
XYZ	40.2025, 22.1883, 9.7533
YIQ	111.1380, 106.8650, 51.1930

# Conversions

## Conversions Part 2

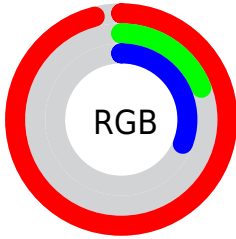
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 49, 80
Decimal	16068944
CIE <sub>Lab</sub>	54.23, 72.63, 31.59
CIE <sub>LCh</sub>	54, 79.200, 23.509
Yxy	22.1883, 0.5573, 0.3076
Android (android.graphics.Color)	4294259024 (0xFFFF53150)
YUV	111.1380, -15.3510, 117.3970
Hunter-Lab	47.1044, 69.9125, 20.6967

# Details

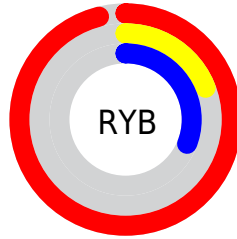
The Hex color **F53150** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **31F5D6**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF7281**, and **B50024** is the 20% darker color. If you saturate the color by 10%, you get **F5183B**, and if you desaturate by 10%, it is **F54A65**.

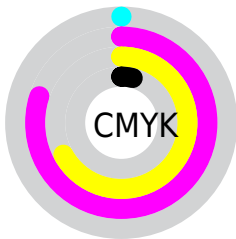
# Distribution



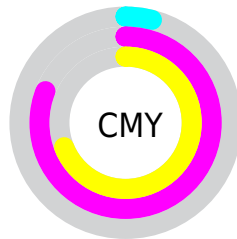
- Red (96%)
- Green (19%)
- Blue (31%)



- Red (96%)
- Yellow (19%)
- Blue (31%)



- Cyan (0%)
- Magenta (80%)
- Yellow (67%)
- Black (4%)



- Cyan (4%)
- Magenta (81%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F53150 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 F53150 by changing the saturation by 10% instead.



 F53150

 F53150

FFFFFF

 D50039

 FF7281

 B50024

 FF909B

 950010

 FFAEB6

 750000

 FFCBD1

 560003

 FFE9EE

 380002

 0C0000

 000000

 F53150

 F53150

 F5183B

 F54A65

 F50027

 F56279

 F57B8E

 F593A2

 F5ABB7

 F5C4CC

 F5DDE0

 F5F5F5

 F5FFFF

# Harmonies

## Analogous

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



F12794



F53150



DA5A00

# Triad

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



F53150



009925



008FFF

# Complementary

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



F53150



31F5D6

# 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.



009BF0



F53150



009E70

# Square

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



F53150



698E00



009FB7



5376FF

# Rectangle

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



F53150



BC7000



009FB7



0094FF



# Sweetspot

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



F53150



FFC2CB



D431F5



805B60



000000



808080



# Same Dimension

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



F53150



FF0A31



F57231



7A6E70



BA001D



3B0009



# Inverse Universe

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



F53150



FF0A31



31B4F5



7A6E70



BA001D



3B0009



# Previews

## White Background



This preview shows how the Hex color F53150 looks on a white background.

## Color Contrast Check

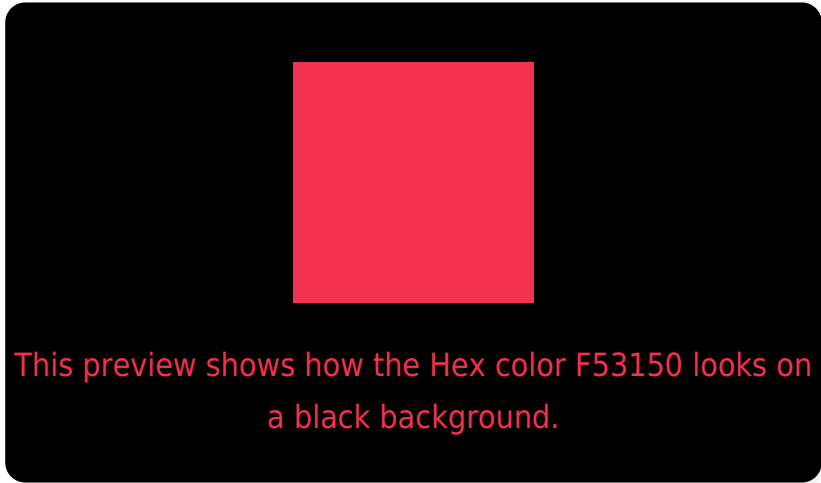
Large Text (above 18pt) WCAG AA ✓ Pass

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 F53150 Background



This preview shows how black text looks on a background with the Hex color F53150.



This preview shows how white text looks on a background with the Hex color F53150.

# 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**  
F53150

**Protanopia**  
89826F

**Deuteranopia**  
9F7C46



**Tritanopia**  
F43637

# Trichromacy



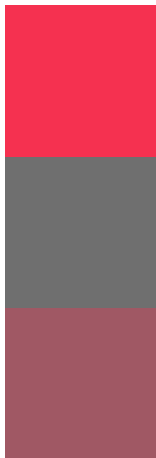
**Original Color**  
F53150

**Protanomaly**  
B06564

**Deuteranomaly**  
BE614A

**Tritanomaly**  
F43440

# Monochromacy



**Original Color**  
F53150

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
A05864

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F53150 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 #F53150 looks like.

```
.text, #text, p{  
    color:#F53150  
}
```

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 #F53150 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F53150
}
```

## Border

The CSS property to change the border of an element to Hex F53150 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
#F53150 }
```

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

```
.border{ border-color:#F53150 }
```

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

Here you see how a box with a 4 pixel #F53150 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F53150; -webkit-box-shadow:4px 4px  
4px 4px #F53150; box-shadow:4px 4px 4px  
4px #F53150 }
```

# Background

The CSS property to change the background color of an element to Hex F53150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F53150 }
```

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

```
.background{ background-color:#F53150 }
```

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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