

# Converting Colors

Hex(F53155)

Have a look what the booklet for  
Hex(F53155) contains.

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**Color**

**Hex(F53155)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F53155
RGB	245, 49, 85
RGB Percent	96%, 19%, 33%
CMY	0.0392, 0.8078, 0.6667
CMYK	0.00, 0.80, 0.65, 0.04
HSL	349°, 91%, 58%
HSV	349°, 80%, 96%
XYZ	40.3942, 22.2650, 10.7629
YIQ	111.7080, 105.2600, 52.7480

# Conversions

## Conversions Part 2

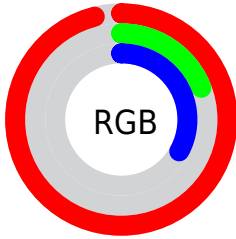
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 49, 85
Decimal	16068949
CIE Lab	54.31, 72.87, 28.75
CIE LCh	54, 78.338, 21.527
Yxy	22.2650, 0.5502, 0.3032
Android (android.graphics.Color)	4294259029 (0xFFFF53155)
YUV	111.7080, -13.1670, 116.8971
Hunter-Lab	47.1858, 70.2329, 19.5062

# Details

The Hex color **F53155** 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 **31F5D1**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF7286**, and **B50029** is the 20% darker color. If you saturate the color by 10%, you get **F51841**, and if you desaturate by 10%, it is **F54A69**.

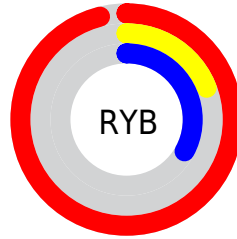
# Distribution



Red (96%)

Green (19%)

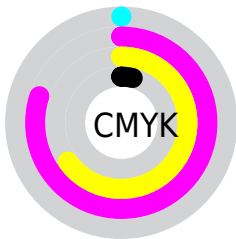
Blue (33%)



Red (96%)

Yellow (19%)

Blue (33%)

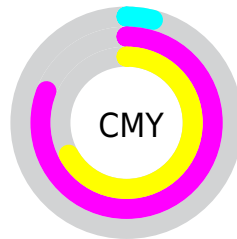


Cyan (0%)

Magenta (80%)

Yellow (65%)

Black (4%)



Cyan (4%)

Magenta (81%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F53155 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 F53155 by changing the saturation by 10% instead.



 F53155

 F53155

FFFFFF

 D5003E

 FF7286

 B50029

 FF90A1

 950015

 FFAEBB

 760000

 FFCCD7

 570003

 FFEAF4

 380002

 0D0000

 000000

 F53155

 F53155

 F51841

 F54A69

 F5002D

 F5627D

 F57B91

 F593A5

 F5ABB9

 F5C4CD

 F5DDE1

 F5F5F5

 F5FFFF

# Harmonies

## Analogous

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



EE2C98



F53155



DC580D

# Triad

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



F53155



009821



0090FF

# Complementary

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



F53155



31F5D1

# 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.



009CEC



F53155



009E6C

# Square

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



F53155



6F8D00



009FB2



4679FF

# Rectangle

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



F53155



BF6F00



009FB2



0095FF



# Sweetspot

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



F53155



FFC2CD



CE31F5



805B61



000000



808080



# Same Dimension

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



F53155



FF0A37



F56C31



7A6E70



BA0022



3B000B



# Inverse Universe

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



F53155



FF0A37



31BAF5



7A6E70



BA0022



3B000B



# Previews

## White Background



This preview shows how the Hex color F53155 looks on a white background.

## Color Contrast Check

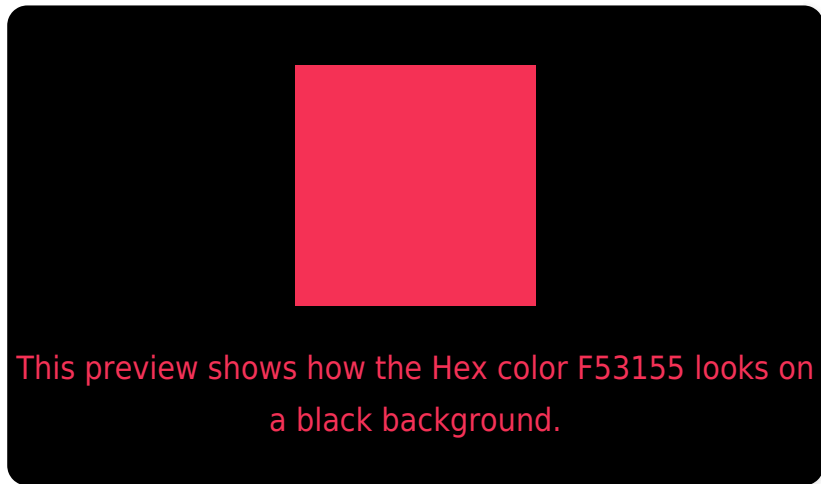
Large Text (above 18pt) WCAG AA ✓ Pass

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 F53155 Background



This preview shows how black text looks on a background with the Hex color F53155.

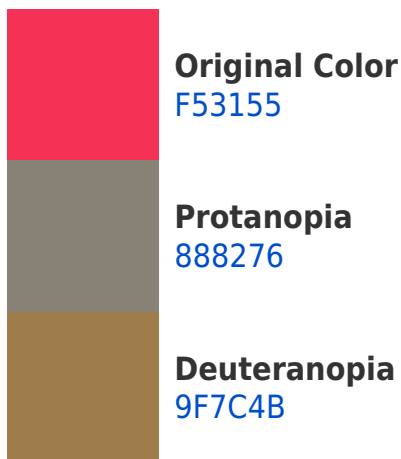



This preview shows how white text looks on a background with the Hex color F53155.

# 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](#).

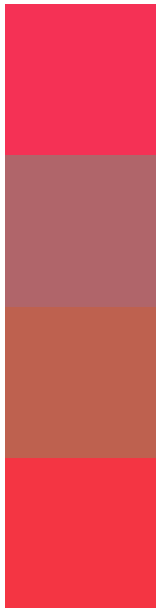
## Dichromacy





**Tritanopia**  
F43738

# Trichromacy



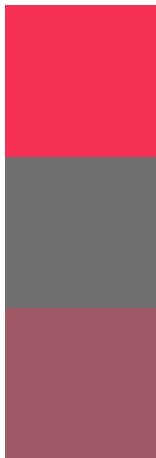
**Original Color**  
F53155

**Protanomaly**  
B0656A

**Deuteranomaly**  
BE614F

**Tritanomaly**  
F43543

# Monochromacy



**Original Color**  
F53155

**Achromatopsia**  
707070

**Achromatomaly**  
A05966

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F53155 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 #F53155 looks like.

```
.text, #text, p{  
    color:#F53155  
}
```

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 #F53155 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F53155
}
```

## Border

The CSS property to change the border of an element to Hex F53155 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
#F53155 }
```

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

```
.border{ border-color:#F53155 }
```

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

Here you see how a box with a 4 pixel #F53155 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F53155; -webkit-box-shadow:4px 4px  
4px 4px #F53155; box-shadow:4px 4px 4px  
4px #F53155 }
```

# Background

The CSS property to change the background color of an element to Hex F53155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F53155 }
```

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

```
.background{ background-color:#F53155 }
```

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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