

# Converting Colors

Hex(F91549)

Have a look what the booklet for  
Hex(F91549) contains.

<b>Hex(F91549)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(F91549)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F91549
RGB	249, 21, 73
RGB Percent	98%, 8%, 29%
CMY	0.0235, 0.9176, 0.7137
CMYK	0.00, 0.92, 0.71, 0.02
HSL	346°, 95%, 53%
HSV	346°, 92%, 98%
XYZ	40.5377, 21.1571, 8.2505
YIQ	95.1000, 119.1960, 64.5080

# Conversions

## Conversions Part 2

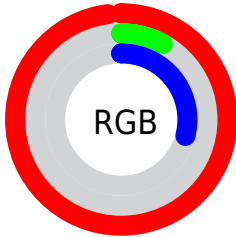
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	249, 21, 73
Decimal	16323913
CIE <sub>Lab</sub>	53.12, 78.43, 34.54
CIE <sub>LCh</sub>	53, 85.700, 23.769
Yxy	21.1571, 0.5796, 0.3025
Android (android.graphics.Color)	4294513993 (0xFFFF91549)
YUV	95.1000, -10.8953, 134.9703
Hunter-Lab	45.9969, 76.8201, 21.5629

# Details

The Hex color **F91549** 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 **15F9C5**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF6579**, and **B8001E** is the 20% darker color. If you saturate the color by 10%, you get **F90039**, and if you desaturate by 10%, it is **F92E5C**.

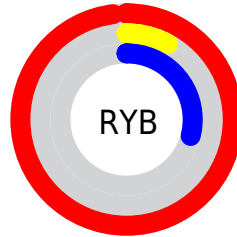
# Distribution



Red (98%)

Green (8%)

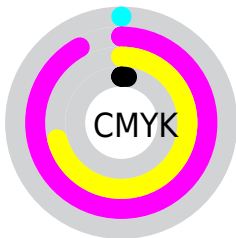
Blue (29%)



Red (98%)

Yellow (8%)

Blue (29%)

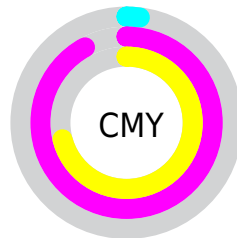


Cyan (0%)

Magenta (92%)

Yellow (71%)

Black (2%)



Cyan (2%)

Magenta (92%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F91549 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 F91549 by changing the saturation by 10% instead.



 F91549

 F91549

FFFFFF

 D80033

 FF6579

 B8001E

 FF8493

 970008

 FFA3AE

 770001

 FFC1C9


 580003

 FFDFE5

 380002

FFFEFF

 0E0000

 000000

 F91549

 F91549

 F90039

 F92E5C

 F9476F

 F96083

 F97996

 F992A9

 F9AABC

 F9C3D0

 F9DCE3

 F9F5F6

# Harmonies

## Analogous

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



F50092



F91549



DB5300

# Triad

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



F91549



009716



008DFF

# Complementary

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



F91549



15F9C5

# 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.



009AF6



F91549



009C6D

# Square

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



F91549



618C00



009DB9



4372FF

# Rectangle

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



F91549



BA6C00



009DB9



0093FF



# Sweetspot

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



F91549



FFBACA



C415F9



805760



000000



808080



# Same Dimension

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



F91549



FF003A



F95215



7D7073



BD002B



3D000E



# Inverse Universe

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



F91549



FF003A



15BCF9



7D7073



BD002B



3D000E



# Previews

## White Background



This preview shows how the Hex color F91549 looks on a white background.

## Color Contrast Check

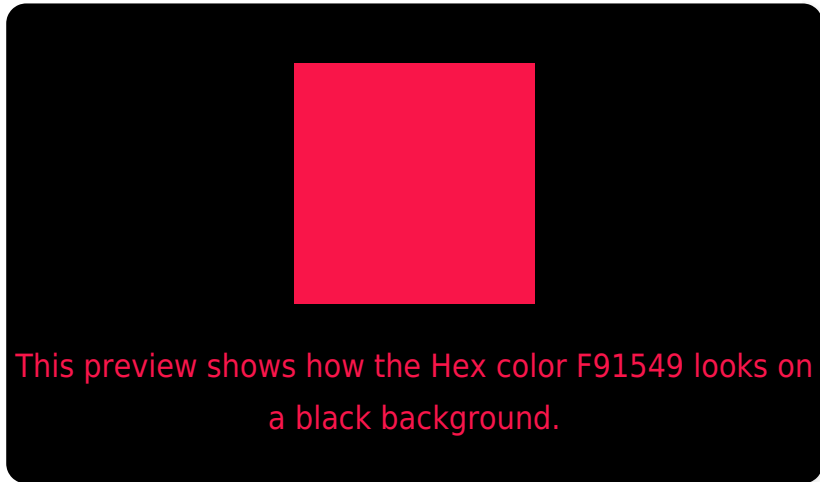
Large Text (above 18pt) WCAG AA ✓ Pass

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 F91549 Background



This preview shows how black text looks on a background with the Hex color F91549.

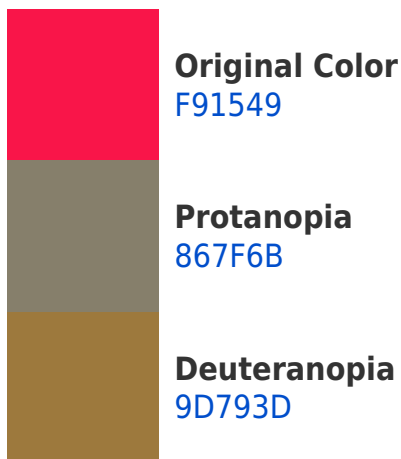


This preview shows how white text looks on a background with the Hex color F91549.

# 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**  
F8231F

# Trichromacy



**Original Color**  
F91549



**Protanomaly**  
B0585F



**Deuteranomaly**  
BE5541



**Tritanomaly**  
F81E2E

# Monochromacy



**Original Color**  
F91549



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
974457

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F91549 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 #F91549 looks like.

```
.text, #text, p{  
    color:#F91549  
}
```

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 #F91549 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F91549
}
```

## Border

The CSS property to change the border of an element to Hex F91549 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
#F91549 }
```

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

```
.border{ border-color:#F91549 }
```

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

Here you see how a box with a 4 pixel #F91549 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F91549; -webkit-box-shadow:4px 4px  
4px 4px #F91549; box-shadow:4px 4px 4px  
4px #F91549 }
```

# Background

The CSS property to change the background color of an element to Hex F91549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F91549 }
```

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

```
.background{ background-color:#F91549 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor