

# Converting Colors

Hex(F81149)

Have a look what the booklet for  
Hex(F81149) contains.

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**Color**

**Hex(F81149)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F81149
RGB	248, 17, 73
RGB Percent	97%, 7%, 29%
CMY	0.0275, 0.9333, 0.7137
CMYK	0.00, 0.93, 0.71, 0.03
HSL	345°, 94%, 52%
HSV	345°, 93%, 97%
XYZ	40.1144, 20.8384, 8.2113
YIQ	92.4530, 119.7000, 66.3880

# Conversions

## Conversions Part 2

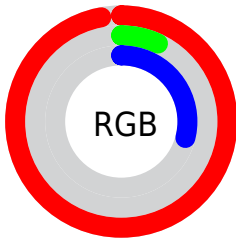
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 17, 73
Decimal	16257353
CIE <sub>Lab</sub>	52.77, 78.62, 34.07
CIE <sub>LCh</sub>	53, 85.686, 23.432
Yxy	20.8384, 0.5800, 0.3013
Android (android.graphics.Color)	4294447433 (0xFFFF81149)
YUV	92.4530, -9.5903, 136.4147
Hunter-Lab	45.6491, 76.9722, 21.2894

# Details

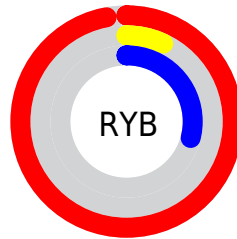
The Hex color **F81149** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **11F8C0**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF6479**, and **B7001E** is the 20% darker color. If you saturate the color by 10%, you get **F8003C**, and if you desaturate by 10%, it is **F82A5C**.

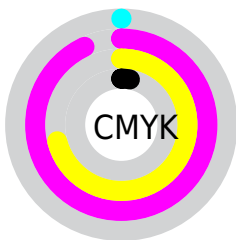
# Distribution



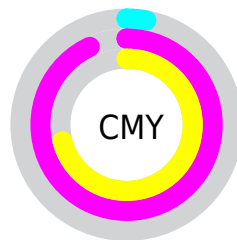
- Red (97%)
- Green (7%)
- Blue (29%)



- Red (97%)
- Yellow (7%)
- Blue (29%)



- Cyan (0%)
- Magenta (93%)
- Yellow (71%)
- Black (3%)



- Cyan (3%)
- Magenta (93%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F81149 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 F81149 by changing the saturation by 10% instead.



 F81149

 F81149

FFFFFF

 D70033

 FF6479

 B7001E

 FF8393

 960008

 FFA1AE

 760001

 FFC0C9

 570004

 FFDEE5

 380002

 FFFCFF

 0B0000

 000000

 F81149

 F81149

 F8003C

 F82A5C

 F8436F

 F85B81

 F87494

 F88DA7

 F8A6BA

 F8BFCD

 F8D7DF

 F8F0F2

# Harmonies

## Analogous

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



F40092



F81149



DB5100

# Triad

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



F81149



009614



008DFF

# Complementary

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



F81149



11F8C0

# 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.



0099F5



F81149



009B6B

# Square

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



F81149



618B00



009DB7



3E72FF

# Rectangle

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



F81149



BA6B00



009DB7



0092FF



# Sweetspot

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



F81149



FFB8C9



BE11F8



80545F



000000



808080



# Same Dimension

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



F81149



FF003E



F84B11



7D7073



BD002E



3D000F



# Inverse Universe

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



F81149



FF003E



11BEF8



7D7073



BD002E



3D000F



# Previews

## White Background



This preview shows how the Hex color F81149 looks on a white background.

## Color Contrast Check

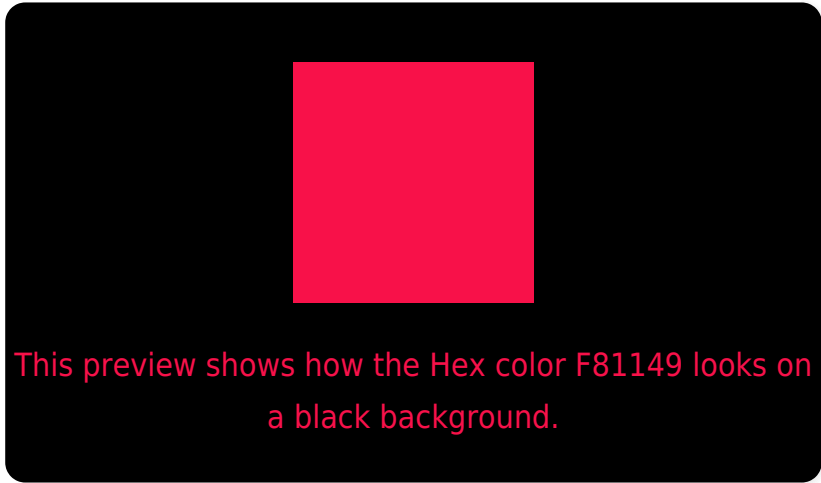
Large Text (above 18pt) WCAG AA ✓ Pass

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 F81149 Background



This preview shows how black text looks on a background with the Hex color F81149.



This preview shows how white text looks on a background with the Hex color F81149.

# 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**  
F81149

**Protanopia**  
857E6C

**Deuteranopia**  
9C793D



**Tritanopia**  
F7211C

# Trichromacy



**Original Color**  
F81149



**Protanomaly**  
AF565F



**Deuteranomaly**  
BD5341



**Tritanomaly**  
F71B2C

# Monochromacy



**Original Color**  
F81149



**Achromatopsia**  
5C5C5C



**Achromatomaly**  
954155

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F81149 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 #F81149 looks like.

```
.text, #text, p{  
    color:#F81149  
}
```

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 #F81149 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F81149
}
```

## Border

The CSS property to change the border of an element to Hex F81149 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
#F81149 }
```

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

```
.border{ border-color:#F81149 }
```

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

Here you see how a box with a 4 pixel #F81149 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F81149; -webkit-box-shadow:4px 4px  
4px 4px #F81149; box-shadow:4px 4px 4px  
4px #F81149 }
```

# Background

The CSS property to change the background color of an element to Hex F81149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F81149 }
```

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

```
.background{ background-color:#F81149 }
```

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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