

# Converting Colors

Hex(F31EC4)

Have a look what the booklet for  
Hex(F31EC4) contains.

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# Color

Hex(F31EC4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F31EC4
RGB	243, 30, 196
RGB Percent	95%, 12%, 77%
CMY	0.0471, 0.8824, 0.2314
CMYK	0.00, 0.88, 0.19, 0.05
HSL	313°, 90%, 54%
HSV	313°, 88%, 95%
XYZ	47.3902, 23.9688, 54.3532
YIQ	112.6110, 73.6620, 96.7820

# Conversions

## Conversions Part 2

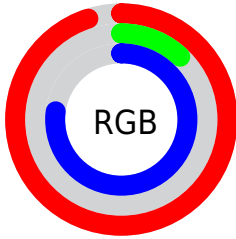
Format	Color
R <sub>Y</sub> B	243, 30, 196
Decimal	15933124
CIE Lab	56.06, 85.89, -34.42
CIE LCh	56, 92.530, 338.163
Yxy	23.9688, 0.3770, 0.1907
Android (android.graphics.Color)	4294123204 (0xFFFF31EC4)
YUV	112.6110, 41.1108, 114.3512
Hunter-Lab	48.9579, 87.1080, -31.5535

# Details

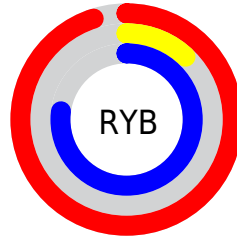
The Hex color **F31EC4** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **1EF34D**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF6CFD**, and **B6008E** is the 20% darker color. If you saturate the color by 10%, you get **F306BF**, and if you desaturate by 10%, it is **F336C9**.

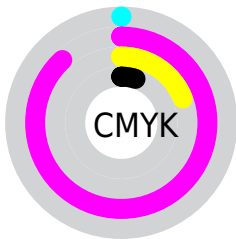
# Distribution



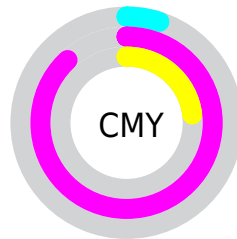
- Red (95%)
- Green (12%)
- Blue (77%)



- Red (95%)
- Yellow (12%)
- Blue (77%)



- Cyan (0%)
- Magenta (88%)
- Yellow (19%)
- Black (5%)



- Cyan (5%)
- Magenta (88%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F31EC4 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 F31EC4 by changing the saturation by 10% instead.



 F31EC4

 F31EC4

FFFFFF

 D400A9

 FF6CFD

 B6008E

 FF8BFF

 980074

 FFAAFF

 7A005B

 FFC8FF

 5D0043

 FFE7FF

 41002C

 230016

 000000

 F31EC4

 F31EC4

 F306BF

 F336C9

 F300BD

 F34FCF

 F367D4

 F37FD9

 F398DF

 F3B0E4

 F3C8EA

 F3E0EF

 F3F9F4

# Harmonies

## Analogous

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



9D64FF



F31EC4



FF0074

# Triad

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



F31EC4



908A00



00A7E9

# Complementary

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



F31EC4



1EF34D

# 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.



00A79B



F31EC4



2A9C00

# Square

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



F31EC4



D16B00



00A445



009FFF

# Rectangle

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



F31EC4



FF1640



00A445



00A7D1



# Sweetspot

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



F31EC4



FFBDF0



4C1EF3



805877



000000



808080



# Same Dimension

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



F31EC4



FF00C7



F31E5A



7A6E78



BA0091



3B002E



# Inverse Universe

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



F31EC4



FF00C7



1EF3B7



7A6E78



BA0091



3B002E



# Previews

## White Background



This preview shows how the Hex color F31EC4 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 F31EC4 Background



This preview shows how black text looks on a background with the Hex color F31EC4.



This preview shows how white text looks on a background with the Hex color F31EC4.

# 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





# Trichromacy



**Original Color**  
F31EC4



**Protanomaly**  
825EEA



**Deuteranomaly**  
A560BC



**Tritanomaly**  
ED3E7D

# Monochromacy



**Original Color**  
F31EC4



**Achromatopsia**  
717171



**Achromatomaly**  
A0538F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F31EC4 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 #F31EC4 looks like.

```
.text, #text, p{  
    color:#F31EC4  
}
```

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 #F31EC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F31EC4
}
```

## Border

The CSS property to change the border of an element to Hex F31EC4 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
#F31EC4 }
```

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

```
.border{ border-color:#F31EC4 }
```

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

Here you see how a box with a 4 pixel #F31EC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F31EC4; -webkit-box-shadow:4px 4px  
4px 4px #F31EC4; box-shadow:4px 4px 4px  
4px #F31EC4 }
```

# Background

The CSS property to change the background color of an element to Hex F31EC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F31EC4 }
```

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

```
.background{ background-color:#F31EC4 }
```

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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