

# Converting Colors

Hex(F291FA)

Have a look what the booklet for  
Hex(F291FA) contains.

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# Color

**Hex(F291FA)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | F291FA                     |
| RGB         | 242, 145, 250              |
| RGB Percent | 95%, 57%, 98%              |
| CMY         | 0.0510, 0.4314, 0.0196     |
| CMYK        | 0.03, 0.42, 0.00, 0.02     |
| HSL         | 295°, 91%, 77%             |
| HSV         | 295°, 42%, 98%             |
| XYZ         | 63.9987, 46.0302, 95.9541  |
| YIQ         | 185.9730, 24.1070, 53.2190 |

# Conversions

## Conversions Part 2

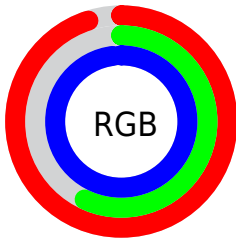
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 242, 145, 250                 |
| Decimal                             | 15897082                      |
| CIE Lab                             | 73.57, 52.19, -37.33          |
| CIE LCh                             | 74, 64.160, 324.426           |
| Yxy                                 | 46.0302, 0.3107,<br>0.2235    |
| Android<br>(android.graphics.Color) | 4294087162<br>(0xFFFF291FA)   |
| YUV                                 | 185.9730, 31.5653,<br>49.1357 |
| Hunter-Lab                          | 67.8455, 49.6493,<br>-36.3621 |

# Details

The Hex color **F291FA** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **99FA91**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFC9FF**, and **B85BC1** is the 20% darker color. If you saturate the color by 10%, you get **F078FA**, and if you desaturate by 10%, it is **F4AAFA**.

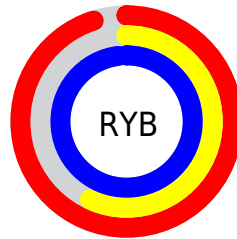
# Distribution



Red (95%)

Green (57%)

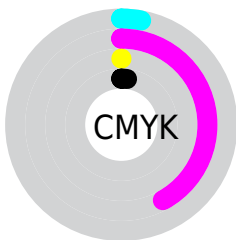
Blue (98%)



Red (95%)

Yellow (57%)

Blue (98%)

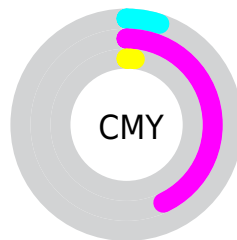


Cyan (3%)

Magenta (42%)

Yellow (0%)

Black (2%)



Cyan (5%)

Magenta (43%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F291FA 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 F291FA by changing the saturation by 10% instead.



 F291FA

FFFFFF

 FFC9FF

 FFE6FF

 F291FA

 D576DD

 B85BC1

 9C41A6

 80258B

 650071

 4B0058

 320040

 17002A

 000113

 F291FA

 F291FA

 F078FA

 F4AAFA

 EE5FFA

 F6C3FA

 EC46FA

 F8DCFA

 EA2DFA

 FAF5FA

 E814FA

 FCFFFA

 E700FA

 FDFFFA

 FFFFFA

# Harmonies

## Analogous

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



A3AAFF



F291FA



FF80C2

# Triad

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



F291FA



DEAE37



00D1E4

# Complementary

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



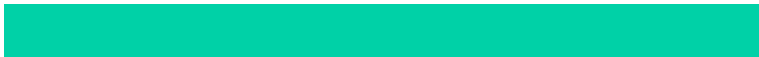
F291FA



99FA91

# 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.



00D1A7



F291FA



A5C041

# Square

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



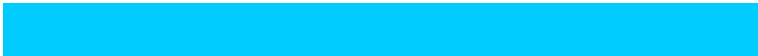
F291FA



FF9756



59CB6D



00CCFF

# Rectangle

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



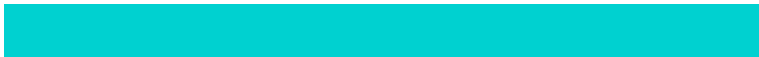
F291FA



FF809B



59CB6D



00D1D0



# Sweetspot

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



F291FA



FCDEFF



919AFA



7E6B80



000000



808080



# Same Dimension

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



F291FA



F580FF



FA91CE



7C707D



AE00BD



39003D



# Inverse Universe

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



FA9199



FF8089



91FABD



7D7071



BD000E



3D0005



# Previews

## White Background



This preview shows how the Hex color F291FA looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F291FA Background



This preview shows how black text looks on a background with the Hex color F291FA.

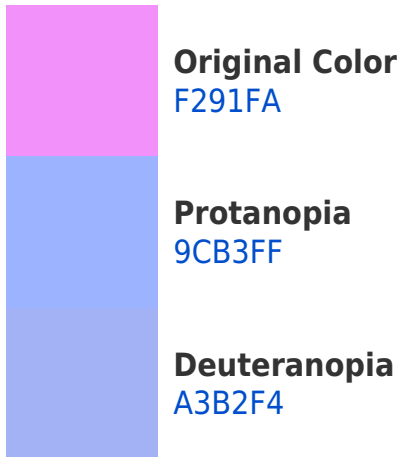


This preview shows how white text looks on a background with the Hex color F291FA.

# 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**  
E8A2AE

# Trichromacy



**Original Color**  
F291FA



**Protanomaly**  
BBA7FD



**Deuteranomaly**  
C0A6F6



**Tritanomaly**  
EC9CCA

# Monochromacy



**Original Color**  
F291FA



**Achromatopsia**  
BABABA



**Achromatomaly**  
CEABD1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F291FA 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 #F291FA looks like.

```
.text, #text, p{  
    color:#F291FA  
}
```

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 #F291FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F291FA
}
```

## Border

The CSS property to change the border of an element to Hex F291FA 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
#F291FA }
```

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

```
.border{ border-color:#F291FA }
```

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

Here you see how a box with a 4 pixel #F291FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F291FA; -webkit-box-shadow:4px 4px  
4px 4px #F291FA; box-shadow:4px 4px 4px  
4px #F291FA }
```

# Background

The CSS property to change the background color of an element to Hex F291FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F291FA }
```

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

```
.background{ background-color:#F291FA }
```

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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