

# Converting Colors

Hex(FF91EB)

Have a look what the booklet for  
Hex(FF91EB) contains.

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# **Color**

**Hex(FE91EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF91EB
RGB	255, 145, 235
RGB Percent	100%, 57%, 92%
CMY	0.0000, 0.4314, 0.0784
CMYK	0.00, 0.43, 0.08, 0.00
HSL	311°, 100%, 78%
HSV	311°, 43%, 100%
XYZ	66.3608, 47.5090, 84.2698
YIQ	188.1500, 36.6700, 51.3100

# Conversions

## Conversions Part 2

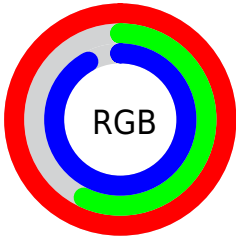
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 145, 235
Decimal	16749035
CIE Lab	74.51, 53.42, -27.57
CIE LCh	75, 60.115, 332.705
Yxy	47.5090, 0.3349, 0.2398
Android (android.graphics.Color)	4294939115 (0xFFFF91EB)
YUV	188.1500, 23.0971, 58.6275
Hunter-Lab	68.9267, 51.2332, -24.2392

# Details

The Hex color **FF91EB** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **91FFA5**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFC9FF**, and **C45BB3** is the 20% darker color. If you saturate the color by 10%, you get **FF78E6**, and if you desaturate by 10%, it is **FFABF0**.

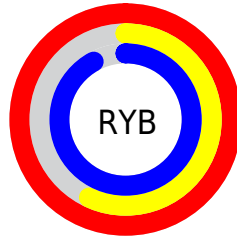
# Distribution



Red (100%)

Green (57%)

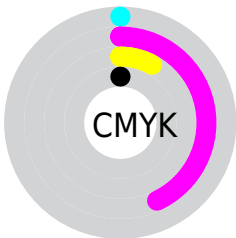
Blue (92%)



Red (100%)

Yellow (57%)

Blue (92%)

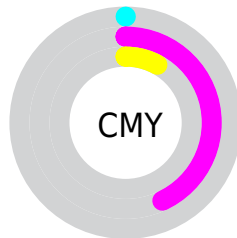


Cyan (0%)

Magenta (43%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (43%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF91EB 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 FF91EB by changing the saturation by 10% instead.



 FF91EB

 FF91EB

FFFFFF

 E176CF

 FFC9FF

 C45BB3

 FFE6FF

 A84098

 8C237E

 710065

 56004C

 3C0035

 230020

 000002

 FF91EB

 FF91EB

 FF78E6

 FFABF0

 FF5EE2

 FFC4F4

 FF44DD

 FFDEF9

 FF2BD8

 FFF7FE

 FF11D4

FFFFFF

 FF00D1

# Harmonies

## Analogous

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



C1A7FF



FF91EB



FF86B4

# Triad

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



FF91EB



D2B642



00D1F2

# Complementary

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



FF91EB



91FFA5

# 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.



00D3BB



FF91EB



99C555

# Square

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



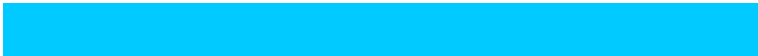
FF91EB



FEA254



49CF82



00CAFF

# Rectangle

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



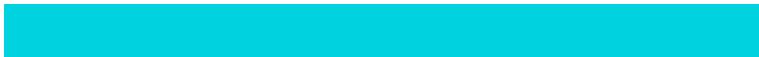
FF91EB



FF8A90



49CF82



00D2E0



# Sweetspot

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



FF91EB



FFDEF9



A391FF



806B7C



000000



808080



# Same Dimension

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



FF91EB



FF7AE7



FF91B6



80737D



BF009C



400034



# Inverse Universe

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



FF91EB



FF7AE7



91FFDA



80737D



BF009C



400034



# Previews

## White Background



This preview shows how the Hex color FF91EB looks on a white background.

## Color Contrast Check

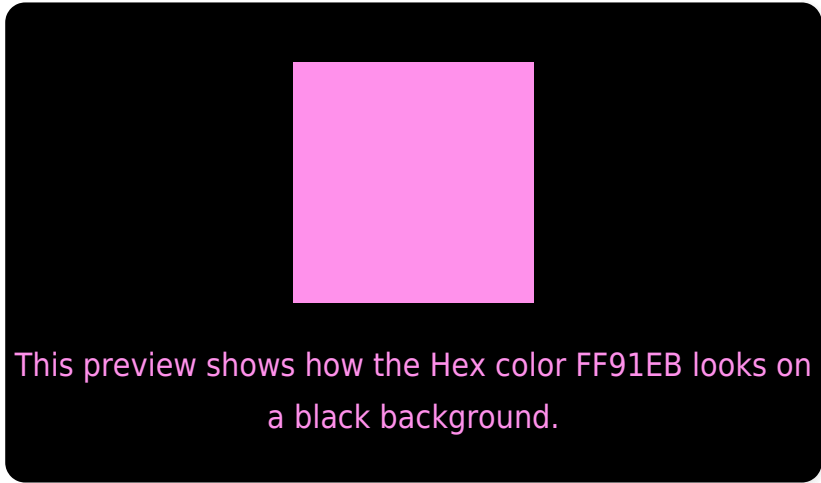
Large Text (above 18pt) WCAG AA × Fail

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 FF91EB Background



This preview shows how black text looks on a background with the Hex color FF91EB.

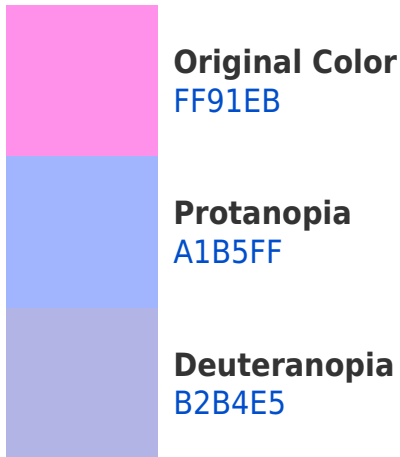


This preview shows how white text looks on a background with the Hex color FF91EB.

# 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**  
F79FAB

# Trichromacy



**Original Color**  
FF91EB



**Protanomaly**  
C3A8F8



**Deuteranomaly**  
CEA7E7



**Tritanomaly**  
FA9AC2

# Monochromacy



**Original Color**  
FF91EB



**Achromatopsia**  
BCBCBC



**Achromatomaly**  
D4ACCD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF91EB 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 #FF91EB looks like.

```
.text, #text, p{  
    color:#FF91EB  
}
```

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 #FF91EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF91EB
}
```

## Border

The CSS property to change the border of an element to Hex FF91EB 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
#FF91EB }
```

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

```
.border{ border-color:#FF91EB }
```

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

Here you see how a box with a 4 pixel #FF91EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF91EB; -webkit-box-shadow:4px 4px  
4px 4px #FF91EB; box-shadow:4px 4px 4px  
4px #FF91EB }
```

# Background

The CSS property to change the background color of an element to Hex FF91EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF91EB }
```

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

```
.background{ background-color:#FF91EB }
```

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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