

# Converting Colors

Hex(FF91E9)

Have a look what the booklet for  
Hex(FF91E9) contains.

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# **Color**

**Hex(FE91E9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF91E9
RGB	255, 145, 233
RGB Percent	100%, 57%, 91%
CMY	0.0000, 0.4314, 0.0863
CMYK	0.00, 0.43, 0.09, 0.00
HSL	312°, 100%, 78%
HSV	312°, 43%, 100%
XYZ	66.0734, 47.3940, 82.7563
YIQ	187.9220, 37.3120, 50.6880

# Conversions

## Conversions Part 2

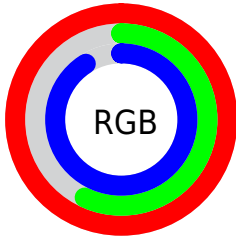
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 145, 233
Decimal	16749033
CIE <sub>Lab</sub>	74.44, 53.10, -26.59
CIE <sub>LCh</sub>	74, 59.380, 333.401
Yxy	47.3940, 0.3367, 0.2415
Android (android.graphics.Color)	4294939113 (0xFFFF91E9)
YUV	187.9220, 22.2235, 58.8274
Hunter-Lab	68.8433, 50.8423, -23.0820

# Details

The Hex color **FF91E9** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **91FFA7**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFC9FF**, and **C45BB1** is the 20% darker color. If you saturate the color by 10%, you get **FF78E4**, and if you desaturate by 10%, it is **FFABEE**.

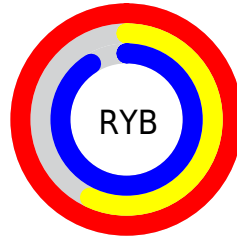
# Distribution



Red (100%)

Green (57%)

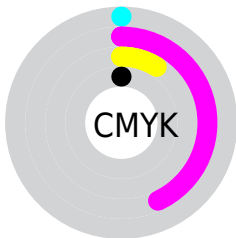
Blue (91%)



Red (100%)

Yellow (57%)

Blue (91%)

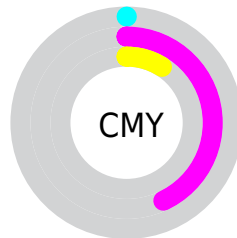


Cyan (0%)

Magenta (43%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (43%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF91E9 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 FF91E9 by changing the saturation by 10% instead.



 FF91E9

 FF91E9

FFFFFF

 E176CD

 FFC9FF

 C45BB1

 FFE6FF

 A84096

 8C237C

 710063

 56004B

 3C0034

 23001E

 000000

 FF91E9

 FF91E9

 FF78E4

 FFABEE

 FF5EDF

 FFC4F3

 FF44DA

 FFDEF8

 FF2BD5

 FFF7FD

 FF11CF

FFFFFF

 FF00CC

# Harmonies

## Analogous

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



C2A6FF



FF91E9



FF87B3

# Triad

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



FF91E9



D0B644



00D1F2

# Complementary

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



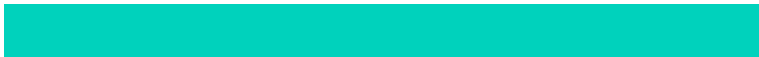
FF91E9



91FFA7

# 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.



00D2BC



FF91E9



98C557

# Square

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



FF91E9



FCA255



48CE84



00CAFF

# Rectangle

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



FF91E9



FF8A8F



48CE84



00D2E1



# Sweetspot

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



FF91E9



FFDEF8



A791FF



806B7B



000000



808080



# Same Dimension

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



FF91E9



FF7AE4



FF91B2



80737D



BF0099



400033



# Inverse Universe

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



FF91E9



FF7AE4



91FFDE



80737D



BF0099



400033



# Previews

## White Background



This preview shows how the Hex color FF91E9 looks on a white background.

## Color Contrast Check

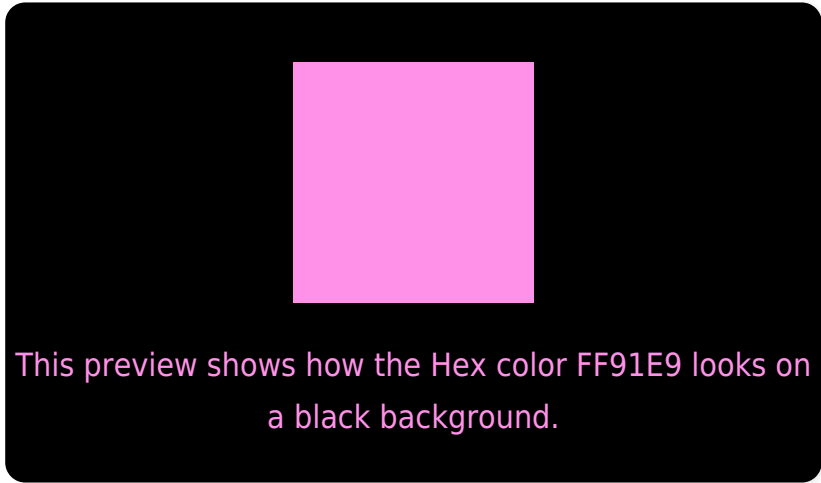
Large Text (above 18pt) WCAG AA × Fail

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 FF91E9 Background



This preview shows how black text looks on a background with the Hex color FF91E9.

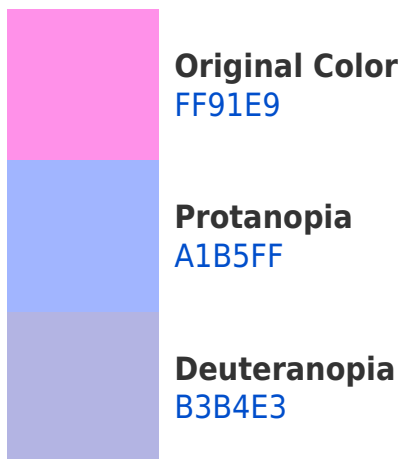


This preview shows how white text looks on a background with the Hex color FF91E9.

# 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**  
F89EAA

# Trichromacy



**Original Color**  
FF91E9



**Protanomaly**  
C3A8F7



**Deuteranomaly**  
CFA7E5



**Tritanomaly**  
FB99C1

# Monochromacy



**Original Color**  
FF91E9



**Achromatopsia**  
BCBCBC



**Achromatomaly**  
D4ACCC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF91E9 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 #FF91E9 looks like.

```
.text, #text, p{  
    color:#FF91E9  
}
```

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 #FF91E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF91E9
}
```

## Border

The CSS property to change the border of an element to Hex FF91E9 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
#FF91E9 }
```

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

```
.border{ border-color:#FF91E9 }
```

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

Here you see how a box with a 4 pixel #FF91E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF91E9; -webkit-box-shadow:4px 4px  
4px 4px #FF91E9; box-shadow:4px 4px 4px  
4px #FF91E9 }
```

# Background

The CSS property to change the background color of an element to Hex FF91E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF91E9 }
```

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

```
.background{ background-color:#FF91E9 }
```

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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