

# Converting Colors

Hex(FE81E4)

Have a look what the booklet for  
Hex(FE81E4) contains.

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# Color

**Hex(FE81E4)**

# Conversions

Conversions Part 1	
Format	Color
Hex	FE81E4
RGB	254, 129, 228
RGB Percent	100%, 51%, 89%
CMY	0.0039, 0.4941, 0.1059
CMYK	0.00, 0.49, 0.10, 0.00
HSL	312°, 98%, 75%
HSV	312°, 49%, 100%
XYZ	62.7269, 42.3728, 78.2715
YIQ	177.6610, 42.7210, 57.2890

# Conversions

## Conversions Part 2

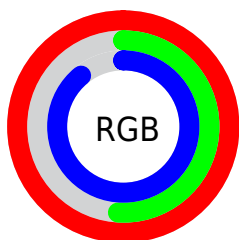
Format	Color
<a href="#">RYB</a>	<a href="#">254, 129, 228</a>
Decimal	<a href="#">16679396</a>
CIELab	<a href="#">71.13, 59.77, -28.94</a>
CIELCh	<a href="#">71, 66.410, 334.163</a>
Yxy	<a href="#">42.3728, 0.3421, 0.2311</a>
Android (android.graphics.Color)	<a href="#">4294869476</a> <a href="#">(0xFFFE81E4)</a>
YUV	<a href="#">177.6610, 24.8171, 66.9493</a>
Hunter-Lab	<a href="#">65.0944, 58.0928, -25.7261</a>

# Details

The Hex color **FE81E4** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **81FE9B**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFB9FF**, and **C349AC** is the 20% darker color. If you saturate the color by 10%, you get **FE68DF**, and if you desaturate by 10%, it is **FE9AE9**.

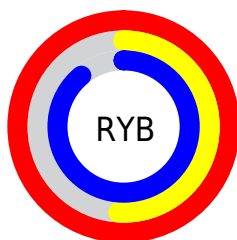
# Distribution



Red (100%)

Green (51%)

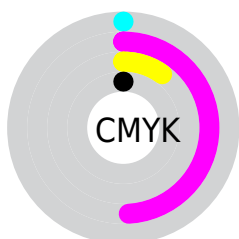
Blue (89%)



Red (100%)

Yellow (51%)

Blue (89%)

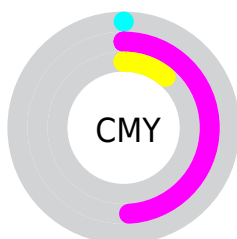


Cyan (0%)

Magenta (49%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (49%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FE81E4 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 FE81E4 by changing the saturation by 10% instead.



 FE81E4

FFFFFF

 FFB9FF

 FFD6FF

 FFF4FF

 FE81E4

 E065C8

 C349AC

 A62B92

 8A0078

 6E005F

 530047

 3B0030

 1D001A

 000000

 FE81E4

 FE81E4

 FE68DF

 FE9AE9

 FE4ED9

 FEB4EF

 FE35D4

 FECDF4

 FE1BCF

 FEE7F9

 FE02CA

FEFFFE

 FE00C9

FEFFFF

# Harmonies

## Analogous

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



BB9AFF



FE81E4



FF75A8

# Triad

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



FE81E4



C6AE27



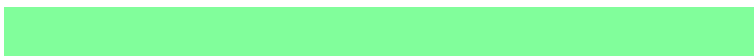
00CAF1

# Complementary

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



FE81E4



81FE9B

# 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.



00CBB5



FE81E4



87BE42

# Square

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



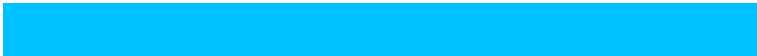
FE81E4



F7973E



0BC777



00C2FF

# Rectangle

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



FE81E4



FF7A80



0BC777



00CBDE



# Sweetspot

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



FE81E4



FFD9F7



9A81FE



80697B



000000



808080



# Same Dimension

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



FE81E4



FF69E0



FE81A7



80737D



BF0097



400032



# Inverse Universe

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



FE81E4



FF69E0



81FED9



80737D



BF0097



400032



# Previews

## White Background



This preview shows how the Hex color FE81E4 looks on a white background.

## Color Contrast Check

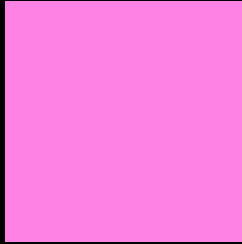
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color FE81E4 looks on a 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 FE81E4 Background



This preview shows how black text looks on a background with the Hex color FE81E4.

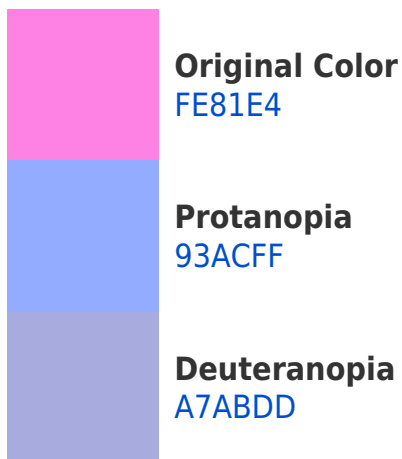


This preview shows how white text looks on a background with the Hex color FE81E4.

# 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**  
F6919C

# Trichromacy

	<b>Original Color</b> FE81E4
	<b>Protanomaly</b> BA9CF5
	<b>Deuteranomaly</b> C79CE0
	<b>Tritanomaly</b> F98BB6

# Monochromacy

	<b>Original Color</b> FE81E4
	<b>Achromatopsia</b> B2B2B2
	<b>Achromatomaly</b> CEA0C4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FE81E4 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 #FE81E4 looks like.

```
.text, #text, p{  
    color:#FE81E4  
}
```

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 #FE81E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE81E4
}
```

## Border

The CSS property to change the border of an element to Hex FE81E4 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
#FE81E4 }
```

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

```
.border{ border-color:#FE81E4 }
```

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

Here you see how a box with a 4 pixel #FE81E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE81E4; -webkit-box-shadow:4px 4px  
4px 4px #FE81E4; box-shadow:4px 4px 4px  
4px #FE81E4 }
```

# Background

The CSS property to change the background color of an element to Hex FE81E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE81E4 }
```

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

```
.background{ background-color:#FE81E4 }
```

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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