

Converting Colors

Hex(EE81E2)

Have a look what the booklet for
Hex(EE81E2) contains.

Hex(EE81E2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EE81E2)

Conversions

Conversions Part 1

Format	Color
Hex	EE81E2
RGB	238, 129, 226
RGB Percent	93%, 51%, 89%
CMY	0.0667, 0.4941, 0.1137
CMYK	0.00, 0.46, 0.05, 0.07
HSL	307°, 76%, 72%
HSV	307°, 46%, 93%
XYZ	56.8376, 39.3686, 76.5547
YIQ	172.6490, 33.8270, 53.2750

Conversions

Conversions Part 2

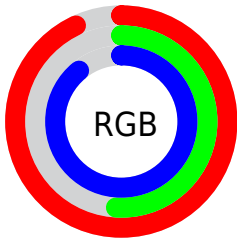
Format	Color
R _Y B	238, 129, 226
Decimal	15630818
CIE Lab	69.02, 54.79, -31.26
CIE LCh	69, 63.082, 330.294
Yxy	39.3686, 0.3290, 0.2279
Android (android.graphics.Color)	4293820898 (0xFFEE81E2)
YUV	172.6490, 26.3020, 57.3128
Hunter-Lab	62.7444, 51.8931, -28.4189

Details

The Hex color **EE81E2** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **81EE8D**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFB9FF**, and **B44BAA** is the 20% darker color. If you saturate the color by 10%, you get **EE69DF**, and if you desaturate by 10%, it is **EE99E5**.

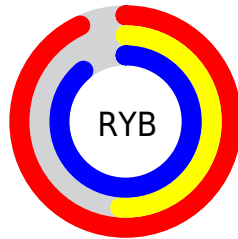
Distribution



Red (93%)

Green (51%)

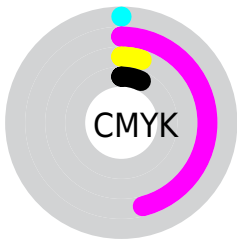
Blue (89%)



Red (93%)

Yellow (51%)

Blue (89%)

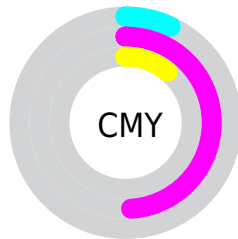


Cyan (0%)

Magenta (46%)

Yellow (5%)

Black (7%)



Cyan (7%)

Magenta (49%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color EE81E2 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 EE81E2 by changing the saturation by 10% instead.

 EE81E2

 EE81E2

FFFFFF

 D166C6

 FFB9FF

 B44BAA

 FFD5FF

 982F90

 FFF2FF

 7C0B76

 61005D

 470045

 30002E

 050018

 000000

 EE81E2

 EE81E2

 EE69DF

 EE99E5

 EE51DD

 EEB1E7

 EE3ADA

 EEC8EA

 EE22D8

 EEE0EC

 EE0AD5

 EEF8EF

 EE00D4

 EEFFF2

 EEFFF4

 EEFFF7

 EEFFFA

Harmonies

Analogous

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



AA99FF



EE81E2



FF73AA

Triad

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



EE81E2



C6A62B



00C3E1

Complementary

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



EE81E2



81EE8D

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.



00C4A7



EE81E2



8DB63E

Square

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



EE81E2



F39044



36C06D



00BDFF

Rectangle

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



EE81E2



FF7684



36C06D



00C4CE

Sweetspot

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



EE81E2



FFDBFB



8C81EE



806A7D



000000



808080

Same Dimension

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



EE81E2



FF73F0



EE81AD



786C77



B800A3



380032

Inverse Universe

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



EE81E2



FF73F0



81EEC2



786C77



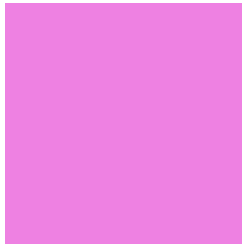
B800A3



380032

Previews

White Background



This preview shows how the Hex color EE81E2 looks on a white background.

Color Contrast Check

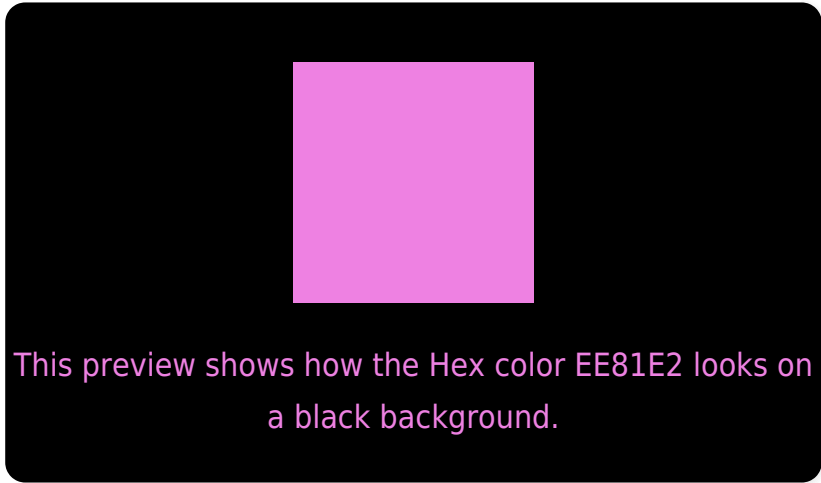
Large Text (above 18pt) WCAG AA × Fail

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 EE81E2 Background



This preview shows how black text looks on a background with the Hex color EE81E2.




This preview shows how white text looks on a background with the Hex color EE81E2.

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
E6919C

Trichromacy



Original Color
EE81E2



Protanomaly
AE99F4



Deuteranomaly
BB99DE



Tritanomaly
E98BB5

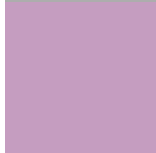
Monochromacy



Original Color
EE81E2



Achromatopsia
ADADAD



Achromatomaly
C59DC0

CSS Examples

Text

The CSS property to change the color of the text to Hex EE81E2 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 #EE81E2 looks like.

```
.text, #text, p{  
    color:#EE81E2  
}
```

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 #EE81E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE81E2
}
```

Border

The CSS property to change the border of an element to Hex EE81E2 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
#EE81E2 }
```

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

```
.border{ border-color:#EE81E2 }
```

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

Here you see how a box with a 4 pixel #EE81E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE81E2; -webkit-box-shadow:4px 4px  
4px 4px #EE81E2; box-shadow:4px 4px 4px  
4px #EE81E2 }
```

Background

The CSS property to change the background color of an element to Hex EE81E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE81E2 }
```

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

```
.background{ background-color:#EE81E2 }
```

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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