

Converting Colors

Hex(EC80B5)

Have a look what the booklet for
Hex(EC80B5) contains.

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Color

Hex(EC80B5)

Conversions

Conversions Part 1

Format	Color
Hex	EC80B5
RGB	236, 128, 181
RGB Percent	93%, 50%, 71%
CMY	0.0745, 0.4980, 0.2902
CMYK	0.00, 0.46, 0.23, 0.07
HSL	331°, 74%, 71%
HSV	331°, 46%, 93%
XYZ	50.6517, 36.6074, 48.1124
YIQ	166.3340, 47.3550, 39.3790

Conversions

Conversions Part 2

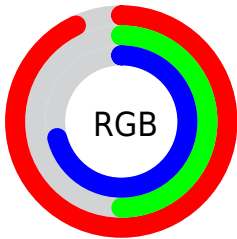
Format	Color
R _Y B	236, 128, 181
Decimal	15499445
CIE Lab	66.98, 47.69, -9.26
CIE LCh	67, 48.586, 349.010
Yxy	36.6074, 0.3742, 0.2704
Android (android.graphics.Color)	4293689525 (0xFFEC80B5)
YUV	166.3340, 7.2303, 61.0971
Hunter-Lab	60.5041, 43.5514, -4.7941

Details

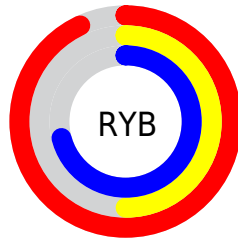
The Hex color **EC80B5** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **80ECB7**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFB7ED**, and **B24B80** is the 20% darker color. If you saturate the color by 10%, you get **EC68A9**, and if you desaturate by 10%, it is **EC98C1**.

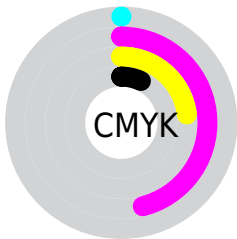
Distribution



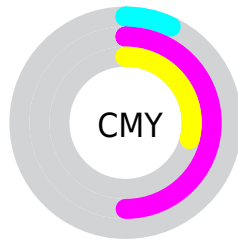
- Red (93%)
- Green (50%)
- Blue (71%)



- Red (93%)
- Yellow (50%)
- Blue (71%)



- Cyan (0%)
- Magenta (46%)
- Yellow (23%)
- Black (7%)



- Cyan (7%)
- Magenta (50%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC80B5 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 EC80B5 by changing the saturation by 10% instead.

 EC80B5

 EC80B5

FFFFFF

 CF659A

 FFB7ED

 B24B80

 FFD4FF

 963067

 FFF0FF

 7A114F

 5F0038

 440023

 2D000B

 000000

 EC80B5

 EC80B5

 EC68A9

 EC98C1

 EC519D

 ECAFCF

 EC3991

 ECC7D9

 EC2285

 ECDEE5

 EC0A79

 ECF6F1

 EC0074

 ECFFFD

 ECFFFF

Harmonies

Analogous

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



C98DDD



EC80B5



F67F89

Triad

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



EC80B5



A2A94D



00B5E4

Complementary

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



EC80B5



80ECB7

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.



00B9BE



EC80B5



6FB368

Square

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



EC80B5



CB9B4B



17B891



17ACF8

Rectangle

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



EC80B5



EF866E



17B891



00B7D9

Sweetspot

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



EC80B5



FFDBED



B680EC



806A74



000000



808080

Same Dimension

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



EC80B5



FF73B8



EC8080



756A6F



B50059



36001A

Inverse Universe

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



EC80B5



FF73B8



80ECEC



756A6F



B50059



36001A

Previews

White Background



This preview shows how the Hex color EC80B5 looks on a white background.

Color Contrast Check

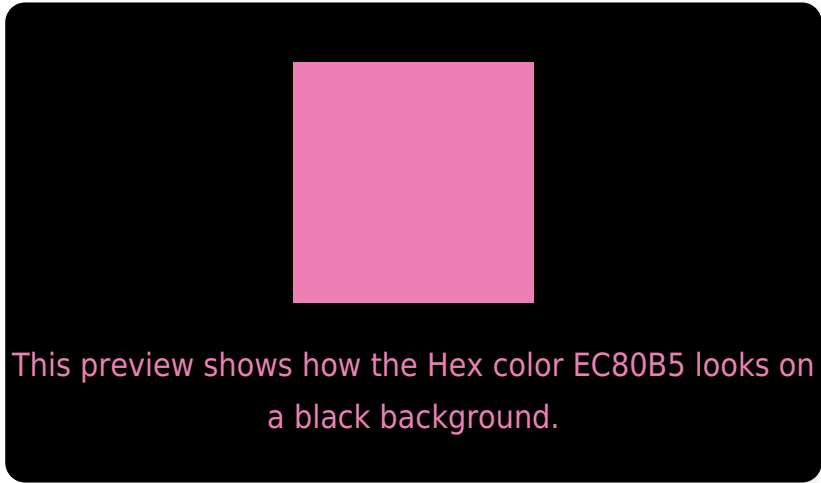
Large Text (above 18pt) WCAG AA × Fail

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 EC80B5 Background



This preview shows how black text looks on a background with the Hex color EC80B5.



This preview shows how white text looks on a background with the Hex color EC80B5.

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
E88791

Trichromacy



Original Color
EC80B5



Protanomaly
B896C3



Deuteranomaly
C594B2

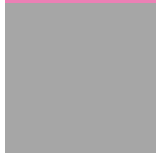


Tritanomaly
E9849E

Monochromacy



Original Color
EC80B5



Achromatopsia
A6A6A6



Achromatomaly
BF98AB

CSS Examples

Text

The CSS property to change the color of the text to Hex EC80B5 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 #EC80B5 looks like.

```
.text, #text, p{  
    color:#EC80B5  
}
```

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 #EC80B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC80B5
}
```

Border

The CSS property to change the border of an element to Hex EC80B5 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
#EC80B5 }
```

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

```
.border{ border-color:#EC80B5 }
```

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

Here you see how a box with a 4 pixel #EC80B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC80B5; -webkit-box-shadow:4px 4px  
4px 4px #EC80B5; box-shadow:4px 4px 4px  
4px #EC80B5 }
```

Background

The CSS property to change the background color of an element to Hex EC80B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC80B5 }
```

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

```
.background{ background-color:#EC80B5 }
```

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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