

# Converting Colors

Hex(EC91BA)

Have a look what the booklet for  
Hex(EC91BA) contains.

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# Color

**Hex(EC91BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC91BA
RGB	236, 145, 186
RGB Percent	93%, 57%, 73%
CMY	0.0745, 0.4314, 0.2706
CMYK	0.00, 0.39, 0.21, 0.07
HSL	333°, 71%, 75%
HSV	333°, 39%, 93%
XYZ	53.5804, 41.6288, 51.6655
YIQ	176.8830, 41.0750, 32.0430

# Conversions

## Conversions Part 2

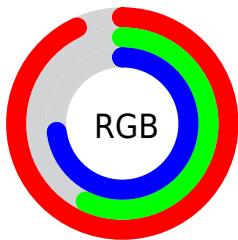
Format	Color
R <sub>Y</sub> B	236, 145, 186
Decimal	15503802
CIE Lab	70.61, 39.70, -6.66
CIE LCh	71, 40.258, 350.478
Yxy	41.6288, 0.3648, 0.2834
Android (android.graphics.Color)	4293693882 (0xFFEC91BA)
YUV	176.8830, 4.4947, 51.8456
Hunter-Lab	64.5204, 35.3230, -2.3129

# Details

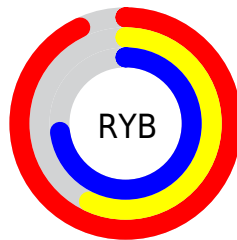
The Hex color **EC91BA** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **91ECC3**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFC8F2**, and **B25C85** is the 20% darker color. If you saturate the color by 10%, you get **EC79AD**, and if you desaturate by 10%, it is **ECA9C7**.

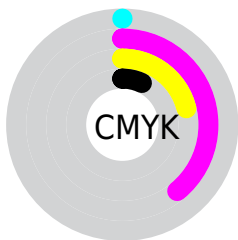
# Distribution



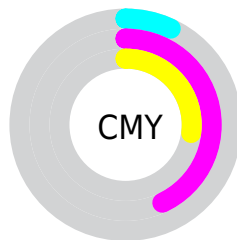
- Red (93%)
- Green (57%)
- Blue (73%)



- Red (93%)
- Yellow (57%)
- Blue (73%)



- Cyan (0%)
- Magenta (39%)
- Yellow (21%)
- Black (7%)



- Cyan (7%)
- Magenta (43%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC91BA 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 EC91BA by changing the saturation by 10% instead.



 EC91BA

 EC91BA

FFFFFF

 CF769F

 FFC8F2

 B25C85

 FFE5FF

 96436C

 7B2A53

 610D3C

 470027

 310012

 000000

 EC91BA

 EC91BA

 EC79AD

 ECA9C7

 EC62A0

 ECC0D4

 EC4A93

 ECD8E1

 EC3386

 ECEFEE

 EC1B79

 ECFFFB

 EC036C

 ECFFFF

 EC006A

# Harmonies

## Analogous

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



CF9ADC



EC91BA



F49195

# Triad

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



EC91BA



ABB267



00BCE4

# Complementary

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



EC91BA



91ECC3

# 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.



00C0C5



EC91BA



81BB7D

# Square

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



EC91BA



CFA764



4FBF9F



60B4F4

# Rectangle

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



EC91BA



EE967F



4FBF9F



00BEDB



# Sweetspot

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



EC91BA



FFE0EE



C291EC



806E76



000000



808080



# Same Dimension

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



EC91BA



FF8ABF



EC9491



756A6F



B50052



360018



# Inverse Universe

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



EC91BA



FF8ABF



91E9EC



756A6F



B50052



360018



# Previews

## White Background



This preview shows how the Hex color EC91BA looks on a white background.

## Color Contrast Check

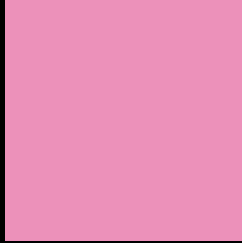
Large Text (above 18pt) WCAG AA × Fail

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 EC91BA 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 EC91BA Background



This preview shows how black text looks on a background with the Hex color EC91BA.

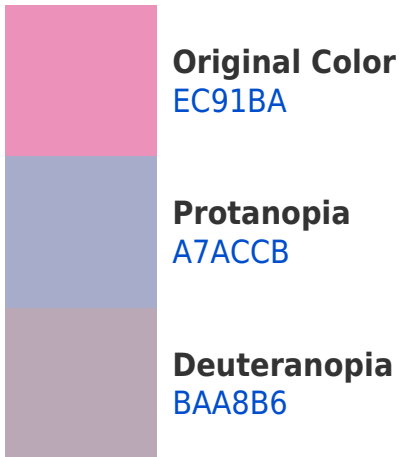


This preview shows how white text looks on a background with the Hex color EC91BA.

# 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](#).

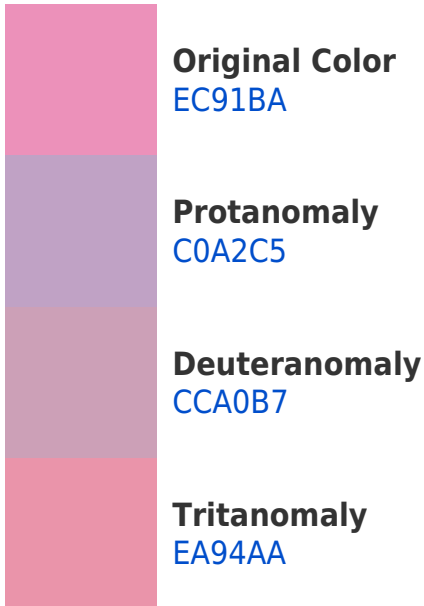
## Dichromacy



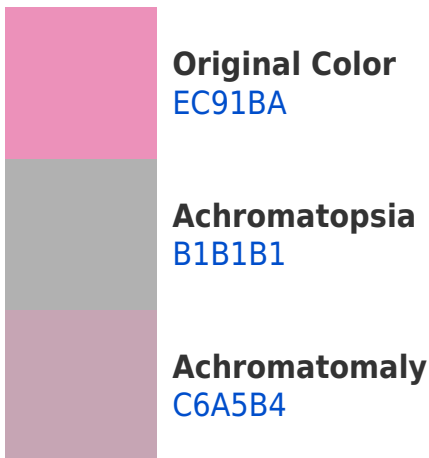


**Tritanopia**  
E996A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC91BA 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 #EC91BA looks like.

```
.text, #text, p{  
    color:#EC91BA  
}
```

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 #EC91BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC91BA
}
```

## Border

The CSS property to change the border of an element to Hex EC91BA 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
#EC91BA }
```

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

```
.border{ border-color:#EC91BA }
```

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

Here you see how a box with a 4 pixel #EC91BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC91BA; -webkit-box-shadow:4px 4px  
4px 4px #EC91BA; box-shadow:4px 4px 4px  
4px #EC91BA }
```

# Background

The CSS property to change the background color of an element to Hex EC91BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC91BA }
```

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

```
.background{ background-color:#EC91BA }
```

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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