

# Converting Colors

Hex(EA68B2)

Have a look what the booklet for  
Hex(EA68B2) contains.

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# **Color**

**Hex(EA68B2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA68B2
RGB	234, 104, 178
RGB Percent	92%, 41%, 70%
CMY	0.0824, 0.5922, 0.3020
CMYK	0.00, 0.56, 0.24, 0.08
HSL	326°, 76%, 66%
HSV	326°, 56%, 92%
XYZ	46.9179, 30.6074, 45.5545
YIQ	151.3060, 53.7260, 50.5740

# Conversions

## Conversions Part 2

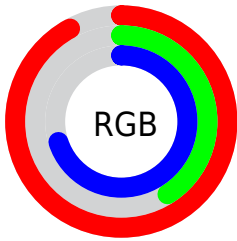
Format	Color
<a href="#">RYB</a>	<a href="#">234, 104, 178</a>
Decimal	<a href="#">15362226</a>
CIELab	<a href="#">62.17, 58.20, -14.80</a>
CIELCh	<a href="#">62, 60.049, 345.731</a>
Yxy	<a href="#">30.6074, 0.3812, 0.2487</a>
Android (android.graphics.Color)	<a href="#">4293552306</a> ( <a href="#">0xFFEA68B2</a> )
YUV	<a href="#">151.3060, 13.1601, 72.5226</a>
Hunter-Lab	<a href="#">55.3240, 54.5613, -10.0934</a>

# Details

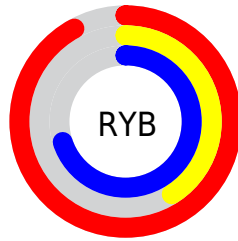
The Hex color **EA68B2** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **68EAA0**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFA0EA**, and **AF2F7D** is the 20% darker color. If you saturate the color by 10%, you get **EA51A8**, and if you desaturate by 10%, it is **EA7FBC**.

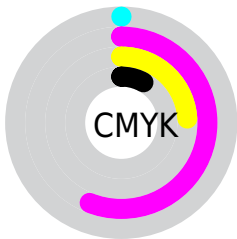
# Distribution



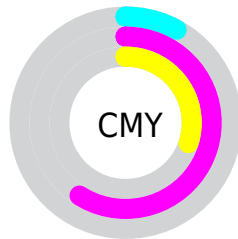
- Red (92%)
- Green (41%)
- Blue (70%)



- Red (92%)
- Yellow (41%)
- Blue (70%)



- Cyan (0%)
- Magenta (56%)
- Yellow (24%)
- Black (8%)



- Cyan (8%)
- Magenta (59%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA68B2 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 EA68B2 by changing the saturation by 10% instead.



 EA68B2

 EA68B2

FFFFFF

 CC4C97

 FFA0EA

 AF2F7D

 FFBCFF

 920464

 FFD9FF

 76004C

 FFF7FF

 5B0035

 410020

 250004

 000000

 EA68B2

 EA68B2

EA51A8

EA7FBC

EA399E

EA97C6

EA2294

EAAED0

EA0A8A

EAC6DA

EA0085

EADDE4

EAF4EE

EAFFF9

EAFFFF

# Harmonies

## Analogous

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



BD7CE1



EA68B2



F7657C

# Triad

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



EA68B2



979C23



00ADE2

# Complementary

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



EA68B2



68EAA0

# 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.



00B0B2



EA68B2



5AA847

# Square

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



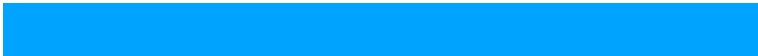
EA68B2



C78A27



00AE7A



00A3FD

# Rectangle

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



EA68B2



F16E5B



00AE7A



00AED3



# Sweetspot

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



EA68B2



FFD4EC



9E68EA



806675



000000



808080



# Same Dimension

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



EA68B2



FF54B5



EA6873



756A70



B50067



36001E



# Inverse Universe

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



EA68B2



FF54B5



68EADF



756A70



B50067



36001E



# Previews

## White Background



This preview shows how the Hex color EA68B2 looks on a white background.

## Color Contrast Check

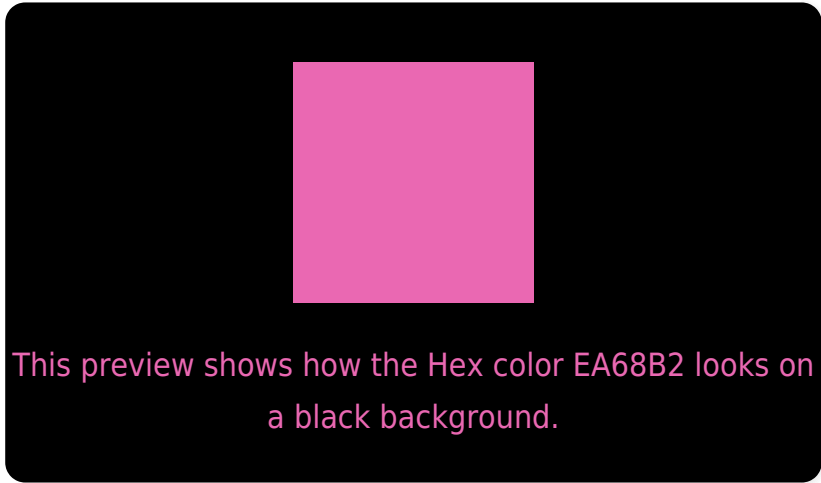
Large Text (above 18pt) WCAG AA × Fail

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 EA68B2 Background



This preview shows how black text looks on a background with the Hex color EA68B2.

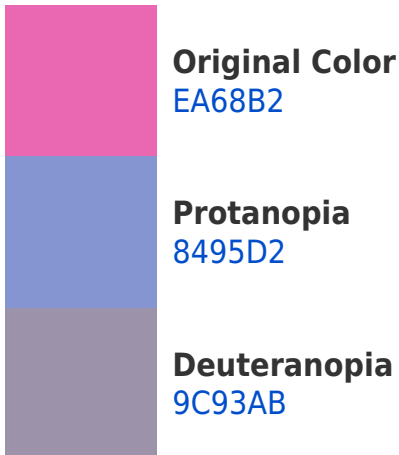



This preview shows how white text looks on a background with the Hex color EA68B2.

# 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**  
E5747C

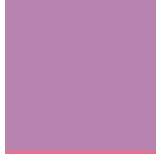
# Trichromacy



**Original Color**  
EA68B2



**Protanomaly**  
A985C6



**Deuteranomaly**  
B883AE



**Tritanomaly**  
E77090

# Monochromacy



**Original Color**  
EA68B2



**Achromatopsia**  
979797



**Achromatomaly**  
B586A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA68B2 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 #EA68B2 looks like.

```
.text, #text, p{  
    color:#EA68B2  
}
```

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 #EA68B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA68B2
}
```

## Border

The CSS property to change the border of an element to Hex EA68B2 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
#EA68B2 }
```

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

```
.border{ border-color:#EA68B2 }
```

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

Here you see how a box with a 4 pixel #EA68B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA68B2; -webkit-box-shadow:4px 4px  
4px 4px #EA68B2; box-shadow:4px 4px 4px  
4px #EA68B2 }
```

# Background

The CSS property to change the background color of an element to Hex EA68B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA68B2 }
```

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

```
.background{ background-color:#EA68B2 }
```

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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