

Converting Colors

Hex(EA3EB1)

Have a look what the booklet for
Hex(EA3EB1) contains.

Hex(EA3EB1)	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(EA3EB1)

Conversions

Conversions Part 1

Format	Color
Hex	EA3EB1
RGB	234, 62, 177
RGB Percent	92%, 24%, 69%
CMY	0.0824, 0.7569, 0.3059
CMYK	0.00, 0.74, 0.24, 0.08
HSL	320°, 80%, 58%
HSV	320°, 74%, 92%
XYZ	43.5901, 24.1120, 43.9516
YIQ	126.5380, 65.5970, 72.2290

Conversions

Conversions Part 2

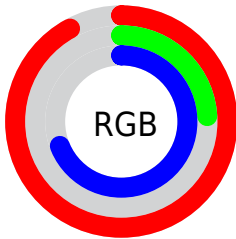
Format	Color
RYB	234, 62, 177
Decimal	15351473
CIELab	56.20, 74.38, -23.33
CIELCh	56, 77.951, 342.587
Yxy	24.1120, 0.3904, 0.2160
Android (android.graphics.Color)	4293541553 (0xFFEA3EB1)
YUV	126.5380, 24.8778, 94.2442
Hunter-Lab	49.1040, 72.5244, -18.6961

Details

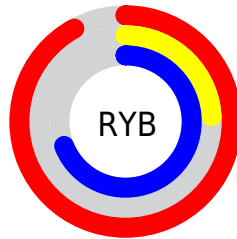
The Hex color **EA3EB1** is a light color, and the websafe version is hex **CC3399**. The color can be described as light washed rose. A complement of this color would be **3EEA77**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF7CE9**, and **AE007C** is the 20% darker color. If you saturate the color by 10%, you get **EA27A9**, and if you desaturate by 10%, it is **EA55B9**.

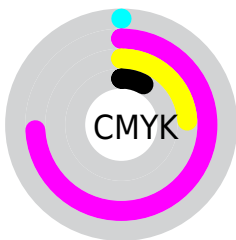
Distribution



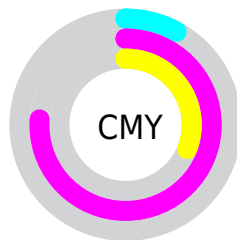
- Red (92%)
- Green (24%)
- Blue (69%)



- Red (92%)
- Yellow (24%)
- Blue (69%)



- Cyan (0%)
- Magenta (74%)
- Yellow (24%)
- Black (8%)



- Cyan (8%)
- Magenta (76%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color EA3EB1 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 EA3EB1 by changing the saturation by 10% instead.

 EA3EB1

 EA3EB1

FFFFFF

 CC1196

 FF7CE9

 AE007C

 FF9AFF

 900063

 FFB7FF

 73004B

 FFD5FF

 570034

 FFF3FF

 3C001F

 1C0001

 000000

 EA3EB1

 EA3EB1

EA27A9

EA55B9

EA0FA1

EA6DC1

EA009C

EA84C8

EA9CD0

EAB3D8

EACAE0

EAE2E7

EAF9EF

EAFFF7

Harmonies

Analogous

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



AB65EC



EA3EB1



FC326D

Triad

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



EA3EB1



898D00



00A2E2

Complementary

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



EA3EB1



3EEA77

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.



00A4A2



EA3EB1



349B05

Square

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



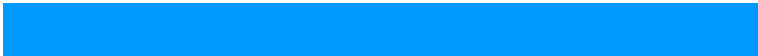
EA3EB1



C37500



00A25B



009AFF

Rectangle

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



EA3EB1



F54642



00A25B



00A4CF

Sweetspot

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



EA3EB1



FFC7EC



743EEA



805E75



000000



808080

Same Dimension

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



EA3EB1



FF1FB5



EA3E5E



756A71



B50079



360024

Inverse Universe

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



EA3EB1



FF1FB5



3EEACA



756A71



B50079



360024

Previews

White Background



This preview shows how the Hex color EA3EB1 looks on a white background.

Color Contrast Check

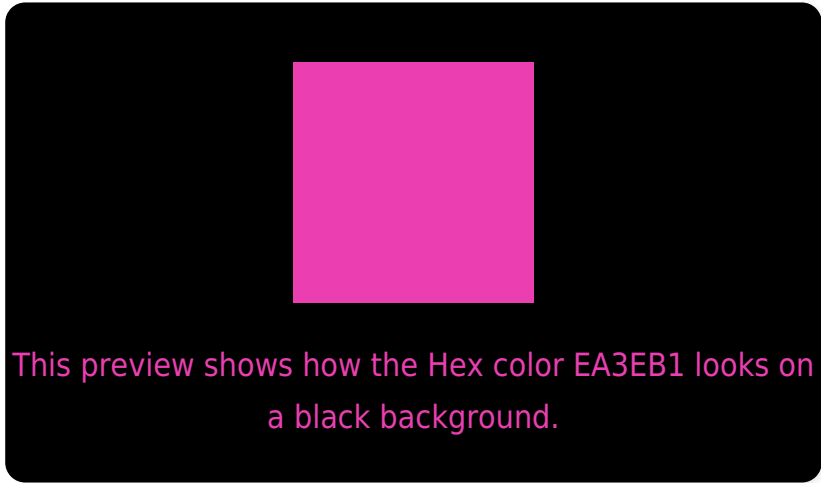
Large Text (above 18pt) WCAG AA ✓ Pass

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

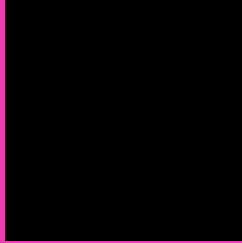
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex EA3EB1 Background



This preview shows how black text looks on a background with the Hex color EA3EB1.




This preview shows how white text looks on a background with the Hex color EA3EB1.

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
E3585D

Trichromacy



Original Color
EA3EB1



Protanomaly
906BD3



Deuteranomaly
A96BAB

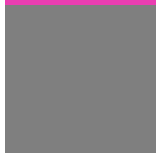


Tritanomaly
E64F7C

Monochromacy



Original Color
EA3EB1



Achromatopsia
7F7F7F



Achromatomaly
A66791

CSS Examples

Text

The CSS property to change the color of the text to Hex EA3EB1 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 #EA3EB1 looks like.

```
.text, #text, p{  
    color:#EA3EB1  
}
```

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 #EA3EB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA3EB1
}
```

Border

The CSS property to change the border of an element to Hex EA3EB1 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
#EA3EB1 }
```

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

```
.border{ border-color:#EA3EB1 }
```

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

Here you see how a box with a 4 pixel #EA3EB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA3EB1; -webkit-box-shadow:4px 4px  
4px 4px #EA3EB1; box-shadow:4px 4px 4px  
4px #EA3EB1 }
```

Background

The CSS property to change the background color of an element to Hex EA3EB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA3EB1 }
```

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

```
.background{ background-color:#EA3EB1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor