

Converting Colors

Hex(EA3F8B)

Have a look what the booklet for
Hex(EA3F8B) contains.

Hex(EA3F8B)	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(EA3F8B)

Conversions

Conversions Part 1

Format	Color
Hex	EA3F8B
RGB	234, 63, 139
RGB Percent	92%, 25%, 55%
CMY	0.0824, 0.7529, 0.4549
CMYK	0.00, 0.73, 0.41, 0.08
HSL	333°, 80%, 58%
HSV	333°, 73%, 92%
XYZ	40.3694, 22.9115, 26.7208
YIQ	122.7930, 77.5200, 59.8880

Conversions

Conversions Part 2

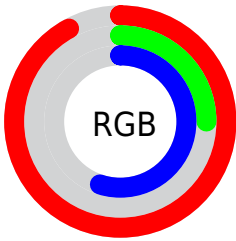
Format	Color
R_{YB}	234, 63, 139
Decimal	15351691
CIE _{Lab}	54.98, 69.89, -2.83
CIE _{LCh}	55, 69.949, 357.677
Yxy	22.9115, 0.4485, 0.2546
Android (android.graphics.Color)	4293541771 (0xFFEA3F8B)
YUV	122.7930, 7.9901, 97.5285
Hunter-Lab	47.8660, 66.7785, 0.4081

Details

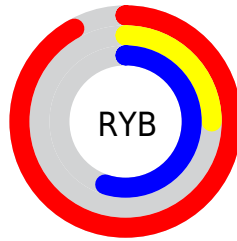
The Hex color **EA3F8B** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **3FEA9E**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF7CC0**, and **AD0059** is the 20% darker color. If you saturate the color by 10%, you get **EA287E**, and if you desaturate by 10%, it is **EA5698**.

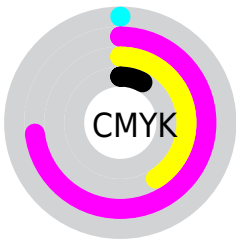
Distribution



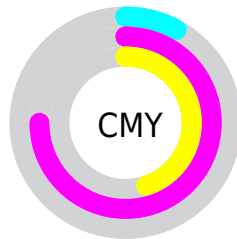
- Red (92%)
- Green (25%)
- Blue (55%)



- Red (92%)
- Yellow (25%)
- Blue (55%)



- Cyan (0%)
- Magenta (73%)
- Yellow (41%)
- Black (8%)



- Cyan (8%)
- Magenta (75%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color EA3F8B 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 EA3F8B by changing the saturation by 10% instead.

 EA3F8B

 EA3F8B

FFFFFF

 CB1672


 FF7CC0

 AD0059

 FF99DC

 8F0042

 FFB6F9

 71002C

 FFD4FF

 540018

 FFF2FF

 380002

 0D0000

 000000

 EA3F8B

 EA3F8B

 EA287E

 EA5698

 EA1071

 EA6EA5

 EA0068

 EA85B2

 EA9DBF

 EAB4CC

 EACBD9

 EAE3E6

 EAFAF3

 EAFFFF

Harmonies

Analogous

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



C757C5



EA3F8B



EA494F

Triad

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



EA3F8B



679000



009AEA

Complementary

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



EA3F8B



3FEA9E

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.



009EBA



EA3F8B



009A3E

Square

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



EA3F8B



A27F00



009E7D



008DFE

Rectangle

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



EA3F8B



DB5C29



009E7D



009CDD

Sweetspot

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



EA3F8B



FFC7E0



9D3FEA



805E6D



000000



808080

Same Dimension

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



EA3F8B



FF1F82



EA483F



756A6F



B50050



360018

Inverse Universe

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



EA3F8B



FF1F82



3FE1EA



756A6F



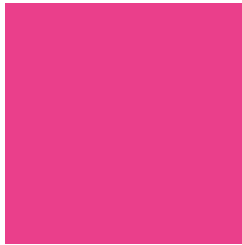
B50050



360018

Previews

White Background



This preview shows how the Hex color EA3F8B looks on a white background.

Color Contrast Check

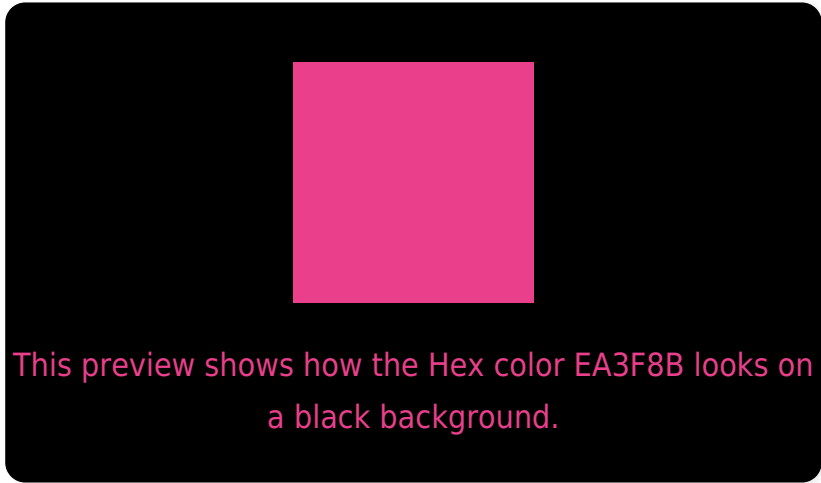
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA3F8B Background



This preview shows how black text looks on a background with the Hex color EA3F8B.



This preview shows how white text looks on a background with the Hex color EA3F8B.

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
E64E52

Trichromacy



Original Color
EA3F8B



Protanomaly
A06AA6



Deuteranomaly
B16885

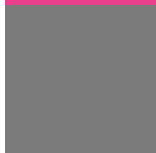


Tritanomaly
E74967

Monochromacy



Original Color
EA3F8B



Achromatopsia
7B7B7B



Achromatomaly
A36581

CSS Examples

Text

The CSS property to change the color of the text to Hex EA3F8B 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 #EA3F8B looks like.

```
.text, #text, p{  
    color:#EA3F8B  
}
```

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 #EA3F8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA3F8B
}
```

Border

The CSS property to change the border of an element to Hex EA3F8B 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
#EA3F8B }
```

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

```
.border{ border-color:#EA3F8B }
```

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

Here you see how a box with a 4 pixel #EA3F8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA3F8B; -webkit-box-shadow:4px 4px  
4px 4px #EA3F8B; box-shadow:4px 4px 4px  
4px #EA3F8B }
```

Background

The CSS property to change the background color of an element to Hex EA3F8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA3F8B }
```

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

```
.background{ background-color:#EA3F8B }
```

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