

Converting Colors

Hex(E8AEF2)

Have a look what the booklet for
Hex(E8AEF2) contains.

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Color

Hex(E8AEF2)

Conversions

Conversions Part 1

Format	Color
Hex	E8AEF2
RGB	232, 174, 242
RGB Percent	91%, 68%, 95%
CMY	0.0902, 0.3176, 0.0510
CMYK	0.04, 0.28, 0.00, 0.05
HSL	291°, 72%, 82%
HSV	291°, 28%, 95%
XYZ	64.4418, 53.8387, 90.9999
YIQ	199.0940, 12.7400, 33.4440

Conversions

Conversions Part 2

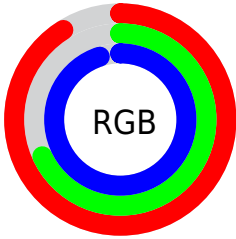
Format	Color
RYB	232, 174, 242
Decimal	15249138
CIELab	78.37, 32.49, -25.69
CIElCh	78, 41.421, 321.674
Yxy	53.8387, 0.3079, 0.2573
Android (android.graphics.Color)	4293439218 (0xFFE8AEF2)
YUV	199.0940, 21.1527, 28.8586
Hunter-Lab	73.3749, 28.3623, -22.1693

Details

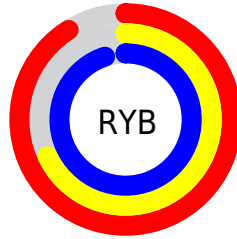
The Hex color **E8AEF2** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B8F2AE**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFE6FF**, and **B079BA** is the 20% darker color. If you saturate the color by 10%, you get **E496F2**, and if you desaturate by 10%, it is **ECC6F2**.

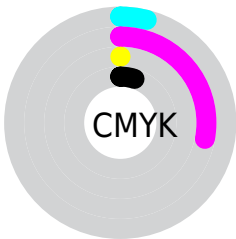
Distribution



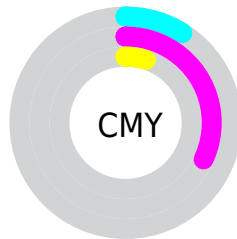
- Red (91%)
- Green (68%)
- Blue (95%)



- Red (91%)
- Yellow (68%)
- Blue (95%)



- Cyan (4%)
- Magenta (28%)
- Yellow (0%)
- Black (5%)



- Cyan (9%)
- Magenta (32%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color E8AEF2 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 E8AEF2 by changing the saturation by 10% instead.

 E8AEF2

FFFFFF

 FFE6FF

 E8AEF2

 CB93D6

 B079BA

 945F9F

 7A4784

 602F6B

 471752

 2F003B

 1C0025

 00010D

 E8AEF2

 E8AEF2

 E496F2

 ECC6F2

 E17EF2

 EFDEF2

 DD65F2

 F3F7F2

 DA4DF2

 F6FFF2

 D635F2

 FAFFF2

 D31DF2

 FDFFF2

 CF05F2

 FFFF2

 CE00F2

Harmonies

Analogous

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



B7BCFF



E8AEF2



FFA5CE

Triad

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



E8AEF2



E5BC75



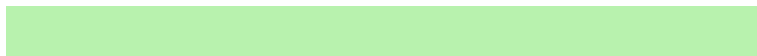
27D6DD

Complementary

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



E8AEF2



B8F2AE

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.



60D6B5



E8AEF2



BFC879

Square

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



E8AEF2



FFAF87



92D191



31D2FD

Rectangle

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



E8AEF2



FFA4B4



92D191



3AD7D0

Sweetspot

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



E8AEF2



FCEBFF



AEB8F2



7E7380



000000



808080

Same Dimension

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



E8AEF2



F2A8FF



F2AEDA



766C78



9D00B8



300038

Inverse Universe

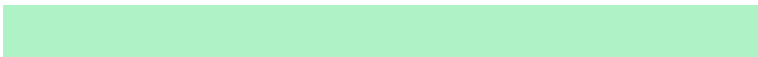
The Inverse Universe completely reimagines the original color for something new.



F2AEB8



FFA8B5



AEF2C6



786C6E



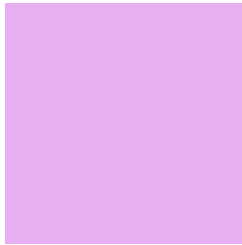
B8001B



380008

Previews

White Background



This preview shows how the Hex color E8AEF2 looks on a white background.

Color Contrast Check

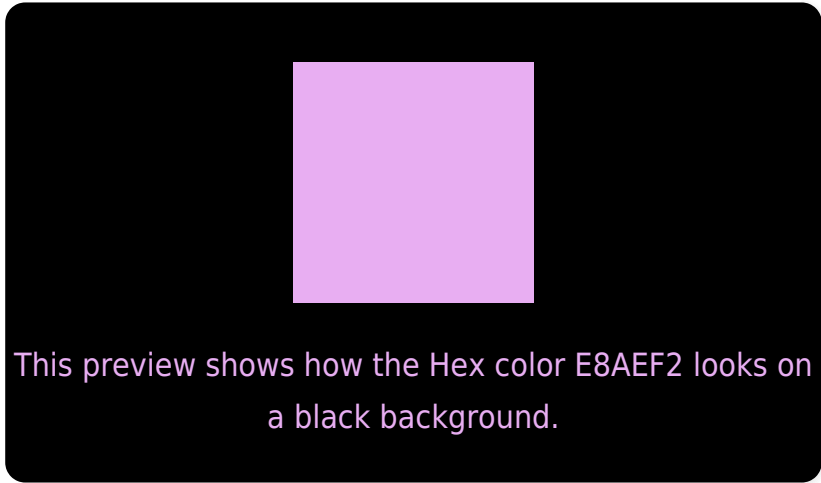
Large Text (above 18pt) WCAG AA × Fail

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

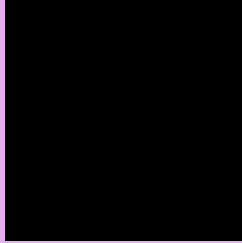
Any Text WCAG AA ✓ Pass

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 E8AEF2 Background



This preview shows how black text looks on a background with the Hex color E8AEF2.



This preview shows how white text looks on a background with the Hex color E8AEF2.

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
E2B7C5

Trichromacy



Original Color
E8AEF2



Protanomaly
C5B9FA



Deuteranomaly
CDB8F0

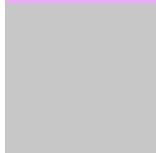


Tritanomaly
E4B4D5

Monochromacy



Original Color
E8AEF2



Achromatopsia
C7C7C7



Achromatomaly
D3BED7

CSS Examples

Text

The CSS property to change the color of the text to Hex E8AEF2 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 #E8AEF2 looks like.

```
.text, #text, p{  
    color:#E8AEF2  
}
```

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 #E8AEF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8AEF2
}
```

Border

The CSS property to change the border of an element to Hex E8AEF2 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
#E8AEF2 }
```

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

```
.border{ border-color:#E8AEF2 }
```

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

Here you see how a box with a 4 pixel #E8AEF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8AEF2; -webkit-box-shadow:4px 4px  
4px 4px #E8AEF2; box-shadow:4px 4px 4px  
4px #E8AEF2 }
```

Background

The CSS property to change the background color of an element to Hex E8AEF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8AEF2 }
```

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

```
.background{ background-color:#E8AEF2 }
```

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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