

# Converting Colors

Hex(EABEF7)

Have a look what the booklet for  
Hex(EABEF7) contains.

<b>Hex(EABEF7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(EABEF7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EABEF7
RGB	234, 190, 247
RGB Percent	92%, 75%, 97%
CMY	0.0824, 0.2549, 0.0314
CMYK	0.05, 0.23, 0.00, 0.03
HSL	286°, 78%, 86%
HSV	286°, 23%, 97%
XYZ	69.1336, 61.0347, 96.1328
YIQ	209.6540, 7.9270, 27.0550

# Conversions

## Conversions Part 2

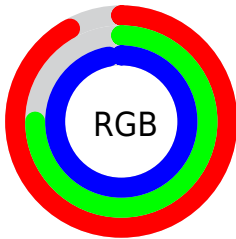
Format	Color
<a href="#">RYB</a>	<a href="#">234, 190, 247</a>
Decimal	<a href="#">15384311</a>
CIELab	<a href="#">82.40, 25.54, -22.22</a>
CIElCh	<a href="#">82, 33.848, 318.977</a>
Yxy	<a href="#">61.0347, 0.3055, 0.2697</a>
Android (android.graphics.Color)	<a href="#">4293574391 (0xFFEABEF7)</a>
YUV	<a href="#">209.6540, 18.4116, 21.3514</a>
Hunter-Lab	<a href="#">78.1247, 21.2388, -18.2693</a>

# Details

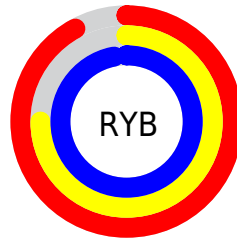
The Hex color **EABEF7** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **CBF7BE**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFF7FF**, and **B288BF** is the 20% darker color. If you saturate the color by 10%, you get **E4A5F7**, and if you desaturate by 10%, it is **F0D7F7**.

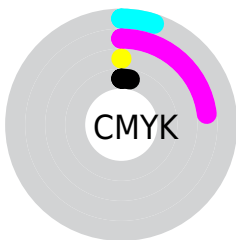
# Distribution



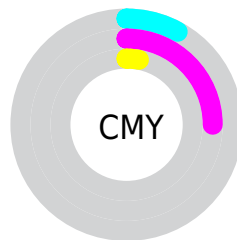
- Red (92%)
- Green (75%)
- Blue (97%)



- Red (92%)
- Yellow (75%)
- Blue (97%)



- Cyan (5%)
- Magenta (23%)
- Yellow (0%)
- Black (3%)



- Cyan (8%)
- Magenta (25%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EABEF7 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 EABEF7 by changing the saturation by 10% instead.



 EABEF7

FFFFFF

 FFF7FF

 EABEF7

 CEA3DA

 B288BF

 976FA3

 7C5689

 633E6F

 4A2757

 33113F

 1F0029

 000113

 EABEF7

 EABEF7

 E4A5F7

 F0D7F7

 DF8DF7

 F5EFF7

 D974F7

 FBFFF7

 D35BF7

 FFFFF7

 CE42F7

 C82AF7

 C311F7

 BF00F7

# Harmonies

## Analogous

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



C1C9FF



EABEF7



FFB7DA

# Triad

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



EABEF7



EEC78F



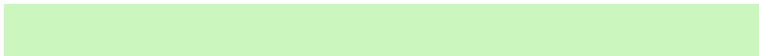
6BDEE1

# Complementary

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



EABEF7



CBF7BE

# 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.



86DEC0



EABEF7



CFD190

# Square

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



EABEF7



FFBD9E



ABD9A2



6EDBFC

# Rectangle

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



EABEF7



FFB5C4



ABD9A2



72DFD6



# Sweetspot

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



EABEF7



FBEDFF



BECBF7



7D7580



000000



808080



# Same Dimension

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



EABEF7



EFB8FF



F7BEE8



786E7A



9000BA



2D003B



# Inverse Universe

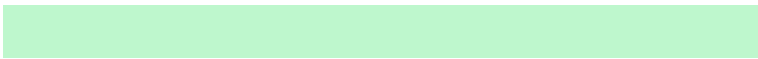
The Inverse Universe completely reimagines the original color for something new.



F7BECB



FFB8C8



BEF7CD



7A6E71



BA002A

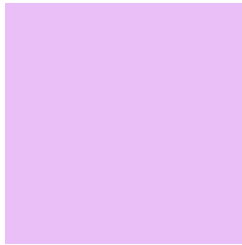


3B000D



# Previews

## White Background



This preview shows how the Hex color EABEF7 looks on a white background.

## Color Contrast Check

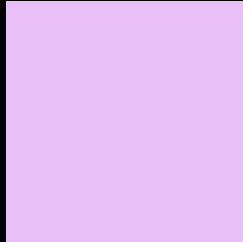
Large Text (above 18pt) WCAG AA × Fail

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 EABEF7 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 EABEF7 Background



This preview shows how black text looks on a background with the Hex color EABEF7.

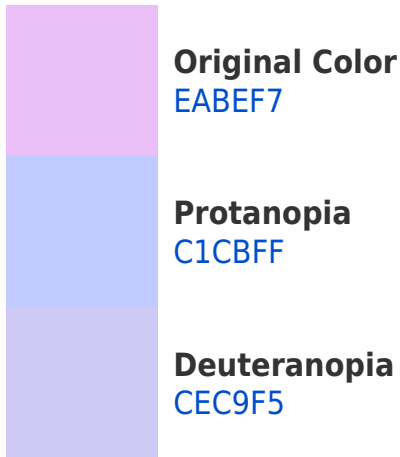


This preview shows how white text looks on a background with the Hex color EABEF7.

# 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**  
E5C4D4

# Trichromacy



**Original Color**  
EABEF7



**Protanomaly**  
D0C6FC



**Deuteranomaly**  
D8C5F6

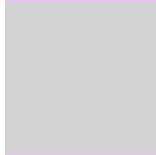


**Tritanomaly**  
E7C2E1

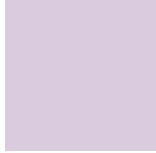
# Monochromacy



**Original Color**  
EABEF7



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
DBCBDF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EABEF7 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 #EABEF7 looks like.

```
.text, #text, p{  
    color:#EABEF7  
}
```

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 #EABEF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EABEF7  
}
```

## Border

The CSS property to change the border of an element to Hex EABEF7 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  
#EABEF7 }
```

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

```
.border{ border-color:#EABEF7 }
```

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

Here you see how a box with a 4 pixel #EABEF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EABEF7; -webkit-box-shadow:4px 4px  
4px 4px #EABEF7; box-shadow:4px 4px 4px  
4px #EABEF7 }
```

# Background

The CSS property to change the background color of an element to Hex EABEF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EABEF7 }
```

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

```
.background{ background-color:#EABEF7 }
```

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