

# Converting Colors

Hex(EEA AF4)

Have a look what the booklet for  
Hex(EEAFF4) contains.

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# Color

**Hex(EEAAF4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAAAF4
RGB	238, 170, 244
RGB Percent	93%, 67%, 96%
CMY	0.0667, 0.3333, 0.0431
CMYK	0.02, 0.30, 0.00, 0.04
HSL	295°, 77%, 81%
HSV	295°, 30%, 96%
XYZ	65.9638, 53.4582, 92.4298
YIQ	198.7680, 16.7740, 37.4300

# Conversions

## Conversions Part 2

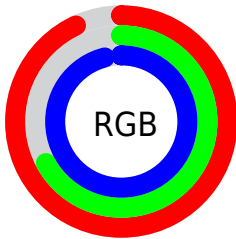
Format	Color
R <sub>Y</sub> B	238, 170, 244
Decimal	15641332
CIE Lab	78.14, 36.89, -27.05
CIE LCh	78, 45.743, 323.743
Yxy	53.4582, 0.3114, 0.2523
Android (android.graphics.Color)	4293831412 (0xFFEEAAF4)
YUV	198.7680, 22.2994, 34.4065
Hunter-Lab	73.1151, 33.0894, -23.7719

# Details

The Hex color **EAAF4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B0F4AA**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFE2FF**, and **B575BC** is the 20% darker color. If you saturate the color by 10%, you get **EC92F4**, and if you desaturate by 10%, it is **F0C2F4**.

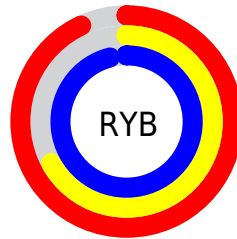
# Distribution



Red (93%)

Green (67%)

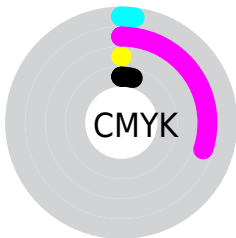
Blue (96%)



Red (93%)

Yellow (67%)

Blue (96%)

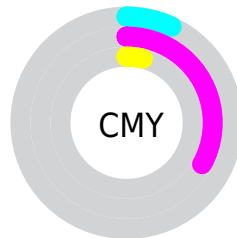


Cyan (2%)

Magenta (30%)

Yellow (0%)

Black (4%)



Cyan (7%)

Magenta (33%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EEAAF4 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 EEAAF4 by changing the saturation by 10% instead.



 EEAAF4

FFFFFF

 FFE2FF

 EEAAF4

 D18FD7

 B575BC

 9A5BA0

 7F4286

 652A6D

 4C1154

 33003D

 1F0027

 00010F

 EEAAF4

 EEAAF4

 EC92F4

 F0C2F4

 EA79F4

 F2DBF4

 E861F4

 F4F3F4

 E648F4

 F6FFF4

 E430F4

 F8FFF4

 E218F4

 FAF4F4

 E000F4

 FCFFF4

 FEFFF4

 FFFFF4

# Harmonies

## Analogous

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



B8BAFF



EEAAF4



FFA0CC

# Triad

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



EAAAF4



E4BC6C



00D7E2

# Complementary

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



EEAAF4



B0F4AA

# 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.



49D7B7



EEAAF4



BAC972

# Square

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



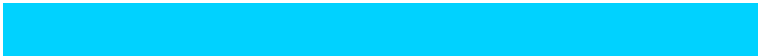
EAAAF4



FFAD7E



88D28D



00D2FF

# Rectangle

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



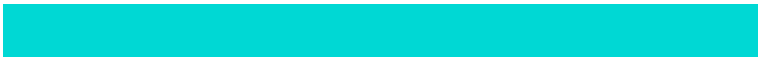
EEAAF4



FFA0AF



88D28D



00D8D4



# Sweetspot

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



EEAAF4



FDE8FF



AAB0F4



7E7180



000000



808080



# Same Dimension

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



EEAAF4



F8A3FF



F4AAD5



796E7A



AB00BA



36003B



# Inverse Universe

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



F4AAB0



FFA3AB



AAF4C9



7A6E6F



BA000F



3B0005



# Previews

## White Background



This preview shows how the Hex color EEAAF4 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

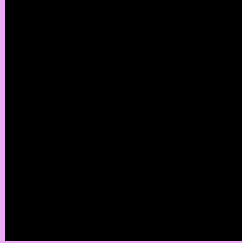
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex EEAAF4 Background



This preview shows how black text looks on a background with the Hex color EEAAF4.

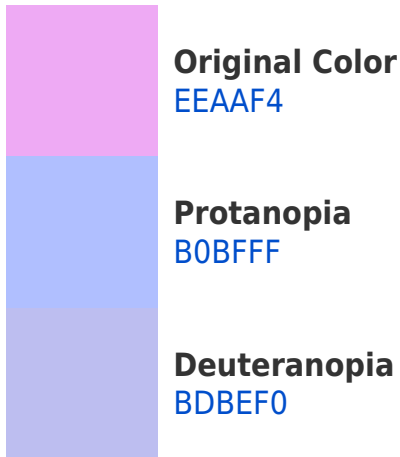


This preview shows how white text looks on a background with the Hex color EEAAF4.

# 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**  
E7B4C2

# Trichromacy



**Original Color**  
EAAAF4



**Protanomaly**  
C7B7FB



**Deuteranomaly**  
CFB7F1

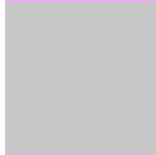


**Tritanomaly**  
EAB0D4

# Monochromacy



**Original Color**  
EAAAF4



**Achromatopsia**  
C7C7C7



**Achromatomaly**  
D5BCD7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EEAAF4 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 #EEAAF4 looks like.

```
.text, #text, p{  
    color:#EEAAF4  
}
```

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 #EEAAF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEAAF4
}
```

## Border

The CSS property to change the border of an element to Hex EEAAF4 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
#EEAAF4 }
```

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

```
.border{ border-color:#EEAAF4 }
```

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

Here you see how a box with a 4 pixel #EEAAF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEAAF4; -webkit-box-shadow:4px 4px  
4px 4px #EEAAF4; box-shadow:4px 4px 4px  
4px #EEAAF4 }
```

# Background

The CSS property to change the background color of an element to Hex EEAAF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEAAF4 }
```

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

```
.background{ background-color:#EEAAF4 }
```

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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