

Converting Colors

Hex(EAA6EC)

Have a look what the booklet for
Hex(EAA6EC) contains.

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Color

Hex(EAA6EC)

Conversions

Conversions Part 1

Format	Color
Hex	EAA6EC
RGB	234, 166, 236
RGB Percent	92%, 65%, 93%
CMY	0.0824, 0.3490, 0.0745
CMYK	0.01, 0.30, 0.00, 0.07
HSL	298°, 65%, 79%
HSV	298°, 30%, 93%
XYZ	62.7082, 50.8210, 85.8612
YIQ	194.3120, 18.0580, 36.1860

Conversions

Conversions Part 2

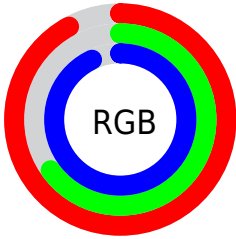
Format	Color
R _Y B	234, 166, 236
Decimal	15378156
CIE Lab	76.57, 36.27, -25.17
CIE LCh	77, 44.145, 325.238
Yxy	50.8210, 0.3145, 0.2549
Android (android.graphics.Color)	4293568236 (0xFFEAA6EC)
YUV	194.3120, 20.5522, 34.8064
Hunter-Lab	71.2888, 32.2595, -21.5075

Details

The Hex color **EAA6EC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A8ECA6**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFDEFF**, and **B171B4** is the 20% darker color. If you saturate the color by 10%, you get **E98EEC**, and if you desaturate by 10%, it is **EBBEEC**.

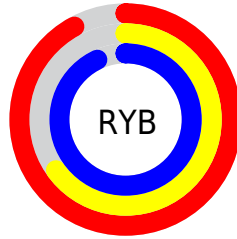
Distribution



Red (92%)

Green (65%)

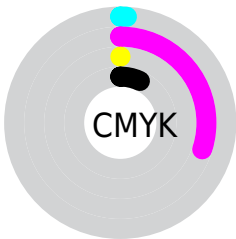
Blue (93%)



Red (92%)

Yellow (65%)

Blue (93%)

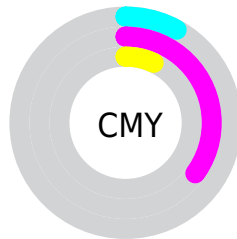


Cyan (1%)

Magenta (30%)

Yellow (0%)

Black (7%)



Cyan (8%)

Magenta (35%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color EAA6EC 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 EAA6EC by changing the saturation by 10% instead.

 EAA6EC

 EAA6EC

FFFFFF

 CD8BD0

 FFDEFF

 B171B4

 FFFBFF

 965899

 7B3F7F

 612766

 480D4E

 300036

 190021

 000005

 EAA6EC

 EAA6EC

 E98EEC

 EBBEEC

 E977EC

 EBD5EC

 E85FEC

 ECEDEC

 E748EC

 EDFFEC

 E730EC

 EEFFEC

 E618EC

 EFFFEC

 E501EC

 F0FFEC

 E500EC

Harmonies

Analogous

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



B8B5FF



EAA6EC



FF9DC5

Triad

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



EAA6EC



DDB86B



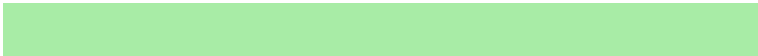
00D2DE

Complementary

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



EAA6EC



A8ECA6

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.



48D2B5



EAA6EC



B4C571

Square

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



EAA6EC



FCAA7B



84CE8D



00CDFE

Rectangle

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



EAA6EC



FF9DA9



84CE8D



00D3D1

Sweetspot

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



EAA6EC



FEE8FF



A6A8EC



7F7180



000000



808080

Same Dimension

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



EAA6EC



FCA3FF



ECA6CB



756A75



B000B5



340036

Inverse Universe

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



ECA6A8



FFA3A6



A6ECC7



756A6A



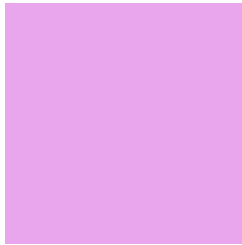
B50005



360002

Previews

White Background



This preview shows how the Hex color EAA6EC looks on a white background.

Color Contrast Check

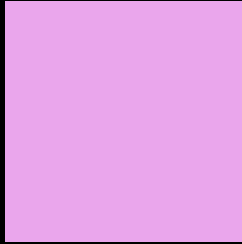
Large Text (above 18pt) WCAG AA × Fail

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 EAA6EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

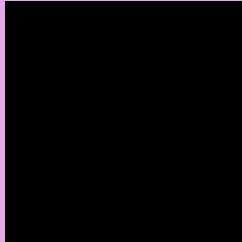
Any Text WCAG AA ✓ Pass

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 EAA6EC Background



This preview shows how black text looks on a background with the Hex color EAA6EC.



This preview shows how white text looks on a background with the Hex color EAA6EC.

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
E4AFBD

Trichromacy



Original Color
EAA6EC



Protanomaly
C2B3F6



Deuteranomaly
CBB2E9

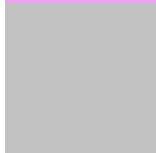


Tritanomaly
E6ACCE

Monochromacy



Original Color
EAA6EC



Achromatopsia
C2C2C2



Achromatomaly
D1B8D1

CSS Examples

Text

The CSS property to change the color of the text to Hex EAA6EC 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 #EAA6EC looks like.

```
.text, #text, p{  
    color:#EAA6EC  
}
```

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 #EAA6EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAA6EC  
}
```

Border

The CSS property to change the border of an element to Hex EAA6EC 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  
#EAA6EC }
```

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

```
.border{ border-color:#EAA6EC }
```

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

Here you see how a box with a 4 pixel #EAA6EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAA6EC; -webkit-box-shadow:4px 4px  
4px 4px #EAA6EC; box-shadow:4px 4px 4px  
4px #EAA6EC }
```

Background

The CSS property to change the background color of an element to Hex EAA6EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAA6EC }
```

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

```
.background{ background-color:#EAA6EC }
```

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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