

Converting Colors

Hex(E6ACCF)

Have a look what the booklet for
Hex(E6ACCF) contains.

Hex(E6ACCF)	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(E6ACCF)

Conversions

Conversions Part 1

Format	Color
Hex	E6ACCF
RGB	230, 172, 207
RGB Percent	90%, 67%, 81%
CMY	0.0980, 0.3255, 0.1882
CMYK	0.00, 0.25, 0.10, 0.10
HSL	324°, 54%, 79%
HSV	324°, 25%, 90%
XYZ	58.6481, 50.8330, 65.7521
YIQ	193.3320, 23.3330, 23.1810

Conversions

Conversions Part 2

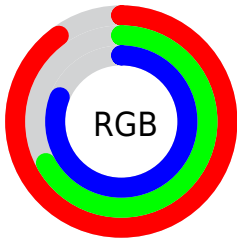
Format	Color
R _Y B	230, 172, 207
Decimal	15117519
CIE Lab	76.58, 26.63, -9.43
CIE LCh	77, 28.251, 340.496
Yxy	50.8330, 0.3347, 0.2901
Android (android.graphics.Color)	4293307599 (0xFFE6ACCF)
YUV	193.3320, 6.7383, 32.1578
Hunter-Lab	71.2973, 22.0613, -4.7706

Details

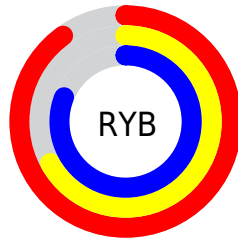
The Hex color **E6ACCF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **ACE6C3**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFE4FF**, and **AE7799** is the 20% darker color. If you saturate the color by 10%, you get **E695C6**, and if you desaturate by 10%, it is **E6C3D8**.

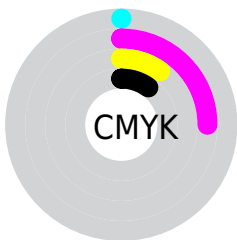
Distribution



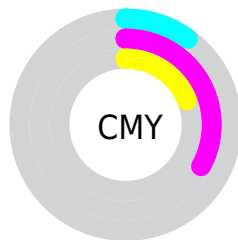
- Red (90%)
- Green (67%)
- Blue (81%)



- Red (90%)
- Yellow (67%)
- Blue (81%)



- Cyan (0%)
- Magenta (25%)
- Yellow (10%)
- Black (10%)



- Cyan (10%)
- Magenta (33%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6ACCF 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 E6ACCF by changing the saturation by 10% instead.

 E6ACCF

 E6ACCF

FFFFFF

 CA91B3

 FFE4FF

 AE7799

 935E7F

 784666

 5F2E4E

 461737

 2F0121

 160009

 000000

 E6ACCF

 E6ACCF

 E695C6

 E6C3D8

 E67EBD

 E6DAE1

 E667B4

 E6F1EA

 E650AB

 E6FFF3

 E639A1

 E6FFFD

 E62298

 E6FFFF

 E60B8F

 E6008B

Harmonies

Analogous

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



CDB3E5



E6ACCF



F2AAB5

Triad

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



E6ACCF



C7BE89



70CADE

Complementary

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



E6ACCF



ACE6C3

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.



74CCC5



E6ACCF



A9C695

Square

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



E6ACCF



DFB58C



8CCAAB



86C4ED

Rectangle

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



E6ACCF



F1ACA4



8CCAAB



6FCBD6

Sweetspot

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



E6ACCF



FFEBF7



C2ACE6



80737A



000000



808080

Same Dimension

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



E6ACCF



FFB3E1



E6ACB3



73676E



B3006C



33001F

Inverse Universe

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



E6ACCF



FFB3E1



ACE6DF



73676E



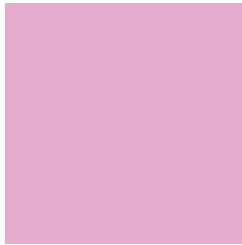
B3006C



33001F

Previews

White Background



This preview shows how the Hex color E6ACCF looks on a white background.

Color Contrast Check

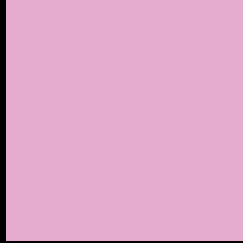
Large Text (above 18pt) WCAG AA × Fail

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 E6ACCF 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 E6ACCF Background



This preview shows how black text looks on a background with the Hex color E6ACCF.



This preview shows how white text looks on a background with the Hex color E6ACCF.

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
E6ACCF



Protanomaly
C9B6D5



Deuteranomaly
D4B4CE

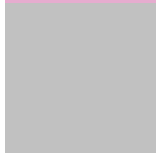


Tritanomaly
E5AEC4

Monochromacy



Original Color
E6ACCF



Achromatopsia
C1C1C1



Achromatomaly
CEB9C6

CSS Examples

Text

The CSS property to change the color of the text to Hex E6ACCF 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 #E6ACCF looks like.

```
.text, #text, p{  
    color:#E6ACCF  
}
```

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 #E6ACCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6ACCF
}
```

Border

The CSS property to change the border of an element to Hex E6ACCF 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
#E6ACCF }
```

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

```
.border{ border-color:#E6ACCF }
```

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

Here you see how a box with a 4 pixel #E6ACCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6ACCF; -webkit-box-shadow:4px 4px  
4px 4px #E6ACCF; box-shadow:4px 4px 4px  
4px #E6ACCF }
```

Background

The CSS property to change the background color of an element to Hex E6ACCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6ACCF }
```

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

```
.background{ background-color:#E6ACCF }
```

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