

Converting Colors

Hex(E6A9F5)

Have a look what the booklet for
Hex(E6A9F5) contains.

Hex(E6A9F5)	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(E6A9F5)

Conversions

Conversions Part 1

Format	Color
Hex	E6A9F5
RGB	230, 169, 245
RGB Percent	90%, 66%, 96%
CMY	0.0980, 0.3373, 0.0392
CMYK	0.06, 0.31, 0.00, 0.04
HSL	288°, 79%, 81%
HSV	288°, 31%, 96%
XYZ	63.3025, 51.7915, 93.0466
YIQ	195.9030, 11.9600, 36.5680

Conversions

Conversions Part 2

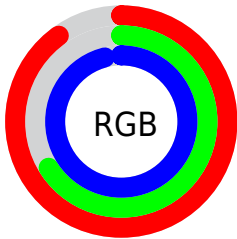
Format	Color
R _Y B	230, 169, 245
Decimal	15116789
CIE Lab	77.16, 35.11, -29.18
CIE LCh	77, 45.654, 320.275
Yxy	51.7915, 0.3041, 0.2488
Android (android.graphics.Color)	4293306869 (0xFFE6A9F5)
YUV	195.9030, 24.2048, 29.9031
Hunter-Lab	71.9663, 31.0699, -26.2807

Details

The Hex color **E6A9F5** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B8F5A9**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFE1FF**, and **AE74BD** is the 20% darker color. If you saturate the color by 10%, you get **E191F5**, and if you desaturate by 10%, it is **EBC2F5**.

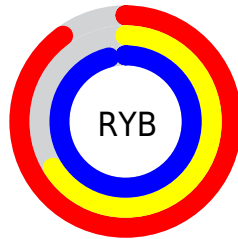
Distribution



Red (90%)

Green (66%)

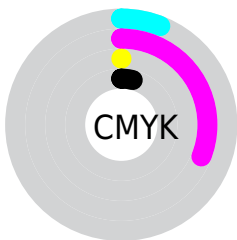
Blue (96%)



Red (90%)

Yellow (66%)

Blue (96%)

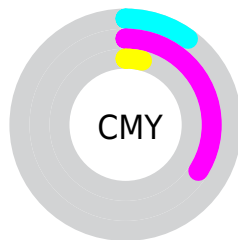


Cyan (6%)

Magenta (31%)

Yellow (0%)

Black (4%)



Cyan (10%)

Magenta (34%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6A9F5 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 E6A9F5 by changing the saturation by 10% instead.

 E6A9F5

FFFFFF

 FFE1FF

FFFEFF

 E6A9F5

 C98ED8

 AE74BD

 925BA1

 784287

 5E2A6D

 451255

 2D003D

 170027

 000110

 E6A9F5

 E6A9F5

 E191F5

 EBC2F5

 DC78F5

 F0DAF5

 D75FF5

 F5F3F5

 D347F5

 F9FFF5

 CE2EF5

 FEFFF5

 C916F5

 FFFFF5

 C500F5

Harmonies

Analogous

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



AEB9FF



E6A9F5



FF9ECE

Triad

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



E6A9F5



E6B76B



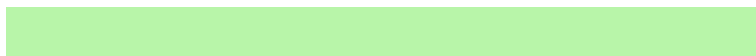
00D5DA

Complementary

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



E6A9F5



B8F5A9

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.



4FD4AF



E6A9F5



BDC56D

Square

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



E6A9F5



FFA87F



8CCF87



00D0FE

Rectangle

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



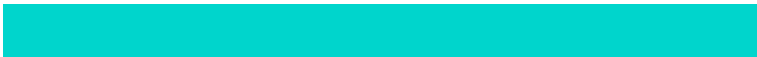
E6A9F5



FF9DB1



8CCF87



00D5CC

Sweetspot

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



E6A9F5



FAE8FF



A9B8F5



7D7180



000000



808080

Same Dimension

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



E6A9F5



ECA1FF



F5A9DE



786E7A



9500BA



2F003B

Inverse Universe

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



F5A9B8



FFA1B3



A9F5C0



7A6E71



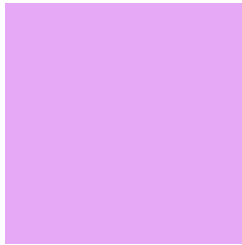
BA0025



3B000C

Previews

White Background



This preview shows how the Hex color E6A9F5 looks on a white background.

Color Contrast Check

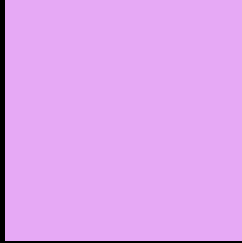
Large Text (above 18pt) WCAG AA × Fail

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 E6A9F5 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 E6A9F5 Background



This preview shows how black text looks on a background with the Hex color E6A9F5.

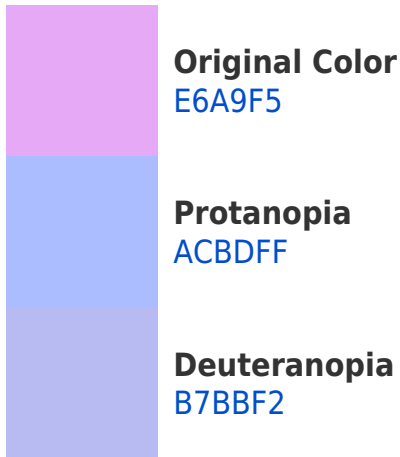


This preview shows how white text looks on a background with the Hex color E6A9F5.

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
DEB3C1

Trichromacy



Original Color
E6A9F5



Protanomaly
C1B6FB



Deuteranomaly
C8B4F3



Tritanomaly
E1AFD4

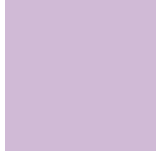
Monochromacy



Original Color
E6A9F5



Achromatopsia
C4C4C4



Achromatomaly
D0BAD6

CSS Examples

Text

The CSS property to change the color of the text to Hex E6A9F5 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 #E6A9F5 looks like.

```
.text, #text, p{  
    color:#E6A9F5  
}
```

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 #E6A9F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6A9F5
}
```

Border

The CSS property to change the border of an element to Hex E6A9F5 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
#E6A9F5 }
```

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

```
.border{ border-color:#E6A9F5 }
```

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

Here you see how a box with a 4 pixel #E6A9F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6A9F5; -webkit-box-shadow:4px 4px  
4px 4px #E6A9F5; box-shadow:4px 4px 4px  
4px #E6A9F5 }
```

Background

The CSS property to change the background color of an element to Hex E6A9F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6A9F5 }
```

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

```
.background{ background-color:#E6A9F5 }
```

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