

# Converting Colors

Hex(E2A9F0)

Have a look what the booklet for  
Hex(E2A9F0) contains.

<b>Hex(E2A9F0)</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(E2A9F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2A9F0
RGB	226, 169, 240
RGB Percent	89%, 66%, 94%
CMY	0.1137, 0.3373, 0.0588
CMYK	0.06, 0.30, 0.00, 0.06
HSL	288°, 70%, 80%
HSV	288°, 30%, 94%
XYZ	61.2802, 50.8360, 89.0206
YIQ	194.1370, 11.1810, 34.1650

# Conversions

## Conversions Part 2

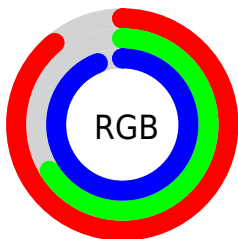
Format	Color
R <sub>Y</sub> B	226, 169, 240
Decimal	14854640
CIE Lab	76.58, 32.90, -27.39
CIE LCh	77, 42.810, 320.216
Yxy	50.8360, 0.3047, 0.2527
Android (android.graphics.Color)	4293044720 (0xFFE2A9F0)
YUV	194.1370, 22.6105, 27.9439
Hunter-Lab	71.2993, 28.6429, -24.1168

# Details

The Hex color **E2A9F0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B7F0A9**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFE1FF**, and **AA74B8** is the 20% darker color. If you saturate the color by 10%, you get **DD91F0**, and if you desaturate by 10%, it is **E7C1F0**.

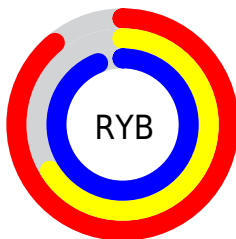
# Distribution



Red (89%)

Green (66%)

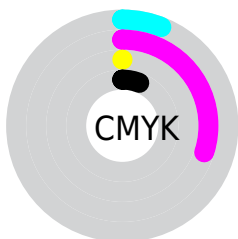
Blue (94%)



Red (89%)

Yellow (66%)

Blue (94%)

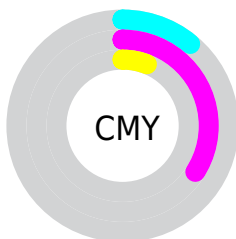


Cyan (6%)

Magenta (30%)

Yellow (0%)

Black (6%)



Cyan (11%)

Magenta (34%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2A9F0 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 E2A9F0 by changing the saturation by 10% instead.



 E2A9F0

FFFFFF

 FFE1FF

FFFEFF

 E2A9F0

 C68ED4

 AA74B8

 8F5B9D

 744282

 5B2B69

 421351

 2A0039

 130024

 00000A

 E2A9F0

 E2A9F0

 DD91F0

 E7C1F0

 D979F0

 EBD9F0

 D461F0

 F0F1F0

 CF49F0

 F5FFF0

 CA31F0

 FAFFF0

 C619F0

 FEFFF0

 C101F0

 FFFFF0

 C100F0

# Harmonies

## Analogous

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



AEB8FF



E2A9F0



FF9FCC

# Triad

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



E2A9F0



E2B66F



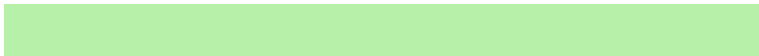
00D2D7

# Complementary

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



E2A9F0



B7F0A9

# 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.



58D1AE



E2A9F0



BCC371

# Square

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



E2A9F0



FEA882



8ECC89



00CEF9

# Rectangle

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



E2A9F0



FF9EB1



8ECC89



28D2CA



# Sweetspot

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



E2A9F0



FAE8FF



A9B7F0



7D7180



000000



808080



# Same Dimension

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



E2A9F0



EDA3FF



F0A9DB



756C78



9300B8



2D0038



# Inverse Universe

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



F0A9B7



FFA3B5



A9F0BE



786C6E



B80024



38000B



# Previews

## White Background



This preview shows how the Hex color E2A9F0 looks on a white background.

## Color Contrast Check

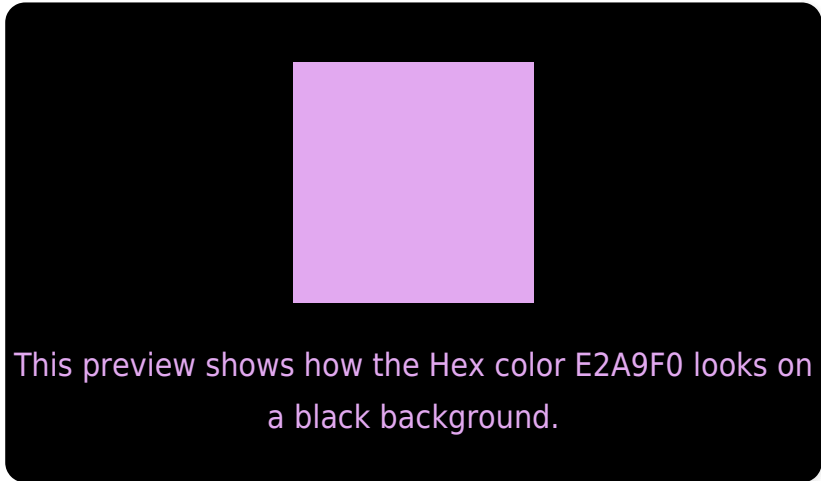
Large Text (above 18pt) WCAG AA × Fail

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

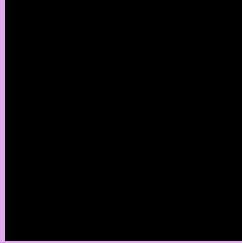
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E2A9F0 Background



This preview shows how black text looks on a background with the Hex color E2A9F0.

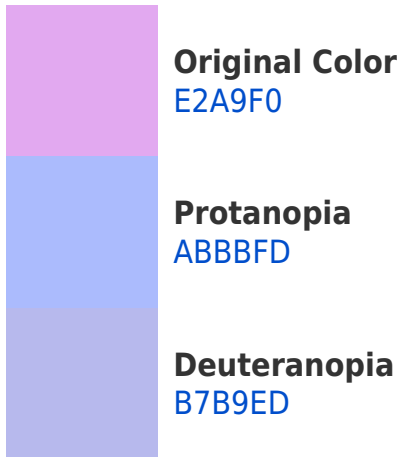


This preview shows how white text looks on a background with the Hex color E2A9F0.

# 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





# Trichromacy



**Original Color**  
E2A9F0



**Protanomaly**  
BFB4F8



**Deuteranomaly**  
C7B3EE



**Tritanomaly**  
DEAFD1

# Monochromacy



**Original Color**  
E2A9F0



**Achromatopsia**  
C2C2C2



**Achromatomaly**  
CEB9D3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2A9F0 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 #E2A9F0 looks like.

```
.text, #text, p{  
    color:#E2A9F0  
}
```

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 #E2A9F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2A9F0
}
```

## Border

The CSS property to change the border of an element to Hex E2A9F0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

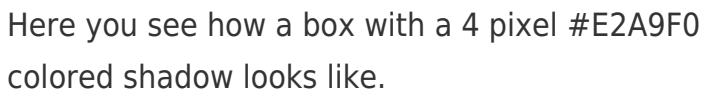
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E2A9F0 }
```

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

```
.border{ border-color:#E2A9F0 }
```

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



Here you see how a box with a 4 pixel #E2A9F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2A9F0; -webkit-box-shadow:4px 4px  
4px 4px #E2A9F0; box-shadow:4px 4px 4px  
4px #E2A9F0 }
```

# Background

The CSS property to change the background color of an element to Hex E2A9F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2A9F0 }
```

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

```
.background{ background-color:#E2A9F0 }
```

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