

# Converting Colors

Hex(E89FD6)

Have a look what the booklet for  
Hex(E89FD6) contains.

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# **Color**

**Hex(E89FD6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E89FD6
RGB	232, 159, 214
RGB Percent	91%, 62%, 84%
CMY	0.0902, 0.3765, 0.1608
CMYK	0.00, 0.31, 0.08, 0.09
HSL	315°, 61%, 77%
HSV	315°, 31%, 91%
XYZ	57.8144, 46.8071, 69.6059
YIQ	187.0970, 25.8530, 32.5810

# Conversions

## Conversions Part 2

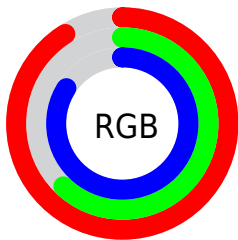
Format	Color
R <sub>Y</sub> B	232, 159, 214
Decimal	15245270
CIE Lab	74.07, 35.43, -17.00
CIE LCh	74, 39.298, 334.363
Yxy	46.8071, 0.3318, 0.2687
Android (android.graphics.Color)	4293435350 (0xFFE89FD6)
YUV	187.0970, 13.2632, 39.3799
Hunter-Lab	68.4157, 31.1132, -12.4304

# Details

The Hex color **E89FD6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9FE8B1**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFD6FF**, and **AF6A9F** is the 20% darker color. If you saturate the color by 10%, you get **E888D0**, and if you desaturate by 10%, it is **E8B6DC**.

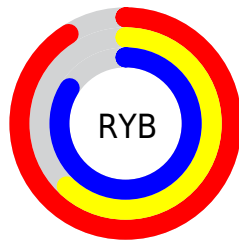
# Distribution



Red (91%)

Green (62%)

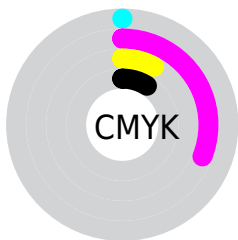
Blue (84%)



Red (91%)

Yellow (62%)

Blue (84%)

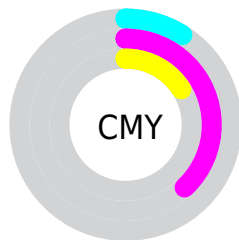


Cyan (0%)

Magenta (31%)

Yellow (8%)

Black (9%)



Cyan (9%)

Magenta (38%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E89FD6 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 E89FD6 by changing the saturation by 10% instead.



 E89FD6

 E89FD6

FFFFFF

 CB84BA

 FFD6FF

 AF6A9F

 FFF3FF


 945185

 79386C

 5F2053

 46053C

 2F0026

 110010

 000000

 E89FD6

 E89FD6

 E888D0

 E8B6DC

 E871CB

 E8CDE1

 E859C5

 E8E5E7

 E842BF

 E8FCED

 E82BB9

 E8FFF3

 E814B4

 E8FFF8

 E800AF

 E8FFFE

 E8FFFF

# Harmonies

## Analogous

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



C1ABF2



E89FD6



FB9AB2

# Triad

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



E89FD6



C9B66D



1BC8DE

# Complementary

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



E89FD6



9FE8B1

# 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.



45C9BA



E89FD6



A2C079

# Square

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



E89FD6



E8A976



77C796



4BC2F6

# Rectangle

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



E89FD6



FC9C9A



77C796



23C9D3



# Sweetspot

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



E89FD6



FFE8F9



B09FE8



80717C



000000



808080



# Same Dimension

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



E89FD6



FF9EE7



E89FB2



736770



B30086



330026



# Inverse Universe

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



E89FD6



FF9EE7



9FE8D5



736770



B30086

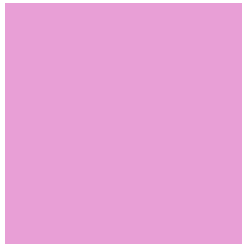


330026



# Previews

## White Background



This preview shows how the Hex color E89FD6 looks on a white background.

## Color Contrast Check

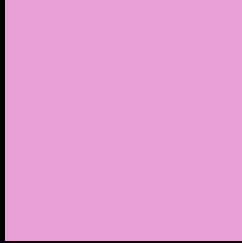
Large Text (above 18pt) WCAG AA × Fail

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 E89FD6 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 E89FD6 Background



This preview shows how black text looks on a background with the Hex color E89FD6.

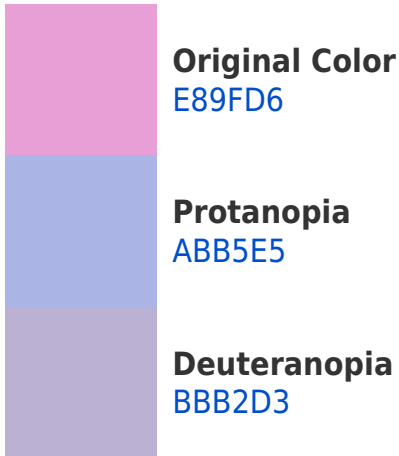


This preview shows how white text looks on a background with the Hex color E89FD6.

# 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**  
E4A6B2

# Trichromacy



**Original Color**  
E89FD6



**Protanomaly**  
C1ADE0



**Deuteranomaly**  
CBABD4

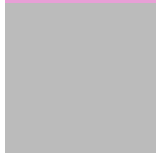


**Tritanomaly**  
E5A3BF

# Monochromacy



**Original Color**  
E89FD6



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
CBB1C5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E89FD6 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 #E89FD6 looks like.

```
.text, #text, p{  
    color:#E89FD6  
}
```

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 #E89FD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E89FD6  
}
```

## Border

The CSS property to change the border of an element to Hex E89FD6 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  
#E89FD6 }
```

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

```
.border{ border-color:#E89FD6 }
```

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

Here you see how a box with a 4 pixel #E89FD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E89FD6; -webkit-box-shadow:4px 4px  
4px 4px #E89FD6; box-shadow:4px 4px 4px  
4px #E89FD6 }
```

# Background

The CSS property to change the background color of an element to Hex E89FD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E89FD6 }
```

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

```
.background{ background-color:#E89FD6 }
```

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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