

# Converting Colors

Hex(E168EF)

Have a look what the booklet for  
Hex(E168EF) contains.

<b>Hex(E168EF)</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(E168EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E168EF
RGB	225, 104, 239
RGB Percent	88%, 41%, 94%
CMY	0.1176, 0.5922, 0.0627
CMYK	0.06, 0.56, 0.00, 0.06
HSL	294°, 81%, 67%
HSV	294°, 56%, 94%
XYZ	51.5816, 32.1402, 85.1464
YIQ	155.5690, 28.7810, 67.6370

# Conversions

## Conversions Part 2

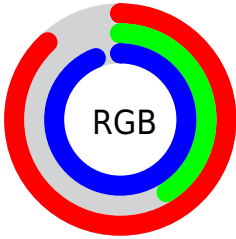
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 104, 239
Decimal	14772463
CIE Lab	63.46, 65.35, -47.26
CIE LCh	63, 80.646, 324.123
Yxy	32.1402, 0.3055, 0.1903
Android (android.graphics.Color)	4292962543 (0xFFE168EF)
YUV	155.5690, 41.1315, 60.8910
Hunter-Lab	56.6923, 63.1971, -49.3632

# Details

The Hex color **E168EF** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **76EF68**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFA0FF**, and **A72DB6** is the 20% darker color. If you saturate the color by 10%, you get **DF50EF**, and if you desaturate by 10%, it is **E380EF**.

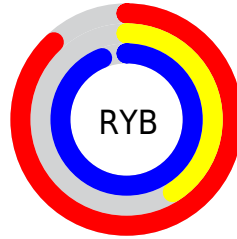
# Distribution



Red (88%)

Green (41%)

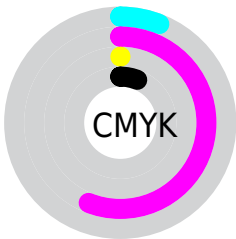
Blue (94%)



Red (88%)

Yellow (41%)

Blue (94%)

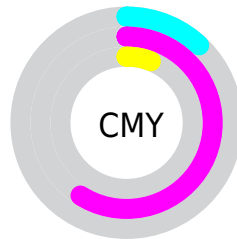


Cyan (6%)

Magenta (56%)

Yellow (0%)

Black (6%)



Cyan (12%)

Magenta (59%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E168EF 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 E168EF by changing the saturation by 10% instead.



 E168EF

 E168EF

FFFFFF

 C44CD2

 FFA0FF

 A72DB6

 FFBDFE

 8A009B

 FFDAFF

 6E0081

 FFF8FF

 530067

 38004E

 1D0036

 000220

 000004

 E168EF

 E168EF

 DF50EF

 E380EF

 DC38EF

 E698EF

 DA20EF

 E8B0EF

 D708EF

 EBC8EF

 D600EF

 EDDFEF

 F0F7EF

 F2FFEf

 F5FFEf

 F7FFEf

# Harmonies

## Analogous

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



748DFF



E168EF



FF47AB

# Triad

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



E168EF



C59200



00B9D3

# Complementary

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



E168EF



76EF68

# 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.



00B889



E168EF



81A700

# Square

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



E168EF



F8721D



00B33D



00B5FF

# Rectangle

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



E168EF



FF477B



00B33D



00BABB



# Sweetspot

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



E168EF



FBD4FF



6878EF



7D6680



000000



808080



# Same Dimension

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



E168EF



ED52FF



EF68BB



776C78



A500B8



320038



# Inverse Universe

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



EF6876



FF5264



68EF9C



786C6D



B80013



380006



# Previews

## White Background



This preview shows how the Hex color E168EF 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

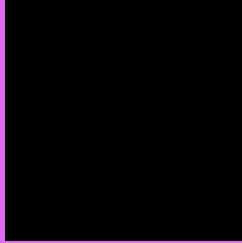
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E168EF Background



This preview shows how black text looks on a background with the Hex color E168EF.




This preview shows how white text looks on a background with the Hex color E168EF.

# 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**  
D4828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E168EF 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 #E168EF looks like.

```
.text, #text, p{  
    color:#E168EF  
}
```

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 #E168EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E168EF
}
```

## Border

The CSS property to change the border of an element to Hex E168EF is called "border". The border property can be set on classes, ids or directly on the HTML element.

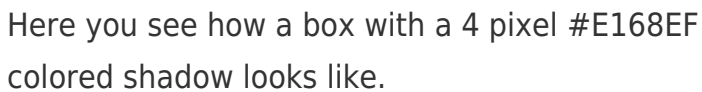
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E168EF }
```

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

```
.border{ border-color:#E168EF }
```

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



Here you see how a box with a 4 pixel #E168EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E168EF; -webkit-box-shadow:4px 4px  
4px 4px #E168EF; box-shadow:4px 4px 4px  
4px #E168EF }
```

# Background

The CSS property to change the background color of an element to Hex E168EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E168EF }
```

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

```
.background{ background-color:#E168EF }
```

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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