

# Converting Colors

Hex(E45CFF)

Have a look what the booklet for  
Hex(E45CFF) contains.

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**Color**

**Hex(E45CFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E45CFF
RGB	228, 92, 255
RGB Percent	89%, 36%, 100%
CMY	0.1059, 0.6392, 0.0000
CMYK	0.11, 0.64, 0.00, 0.00
HSL	290°, 100%, 68%
HSV	290°, 64%, 100%
XYZ	53.8721, 31.3683, 97.8231
YIQ	151.2460, 28.7330, 79.5250

# Conversions

## Conversions Part 2

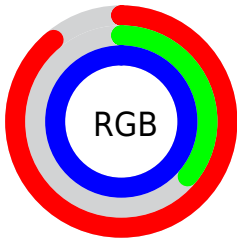
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	228, 92, 255
Decimal	14966015
CIE Lab	62.82, 74.06, -57.09
CIE LCh	63, 93.511, 322.371
Yxy	31.3683, 0.2943, 0.1714
Android (android.graphics.Color)	4293156095 (0xFFE45CFF)
YUV	151.2460, 51.1507, 67.3133
Hunter-Lab	56.0074, 73.6816, -64.3513

# Details

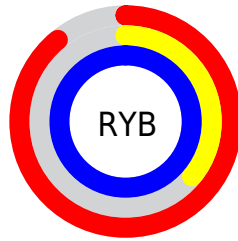
The Hex color **E45CFF** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **77FF5C**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FF96FF**, and **A916C5** is the 20% darker color. If you saturate the color by 10%, you get **E043FF**, and if you desaturate by 10%, it is **E876FF**.

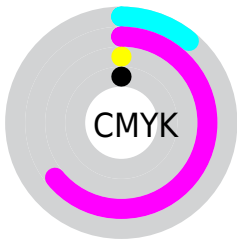
# Distribution



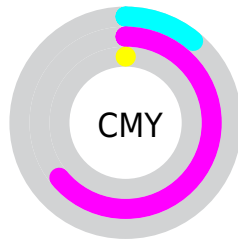
- Red (89%)
- Green (36%)
- Blue (100%)



- Red (89%)
- Yellow (36%)
- Blue (100%)



- Cyan (11%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (64%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E45CFF 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 E45CFF by changing the saturation by 10% instead.



 E45CFF

 E45CFF

FFFFFF

 C63DE2

 FF96FF

 A916C5

 FFB3FF

 8C00AA

 FFD0FF

 6F008F

 FFEEFF

 530074

 37005B

 180042

 00032B

 000115

 E45CFF

 E45CFF

 E043FF

 E876FF

 DC29FF

 EC8FFF

 D710FF

 F1A9FF

 D500FF

 F5C2FF

 F9DCFF

 FDF5FF

FFFFFF

# Harmonies

## Analogous

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



4D8CFF



E45CFF



FF1BB1

# Triad

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



E45CFF



CA8D00



00BBD5

# Complementary

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



E45CFF



77FF5C

# 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.



00B97F



E45CFF



7CA600

# Square

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



E45CFF



FF6500



00B320



00B7FF

# Rectangle

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



E45CFF



FF147A



00B320



00BBB9



# Sweetspot

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



E45CFF



F7CFFF



5C77FF



7B6280



000000



808080



# Same Dimension

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



E45CFF



DE3BFF



FF5CC9



7D7380



A000BF



350040



# Inverse Universe

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



FF5C77



FF3B5B



5CFF92



807375



BF0020



40000B



# Previews

## White Background



This preview shows how the Hex color E45CFF looks on a white background.

## Color Contrast Check

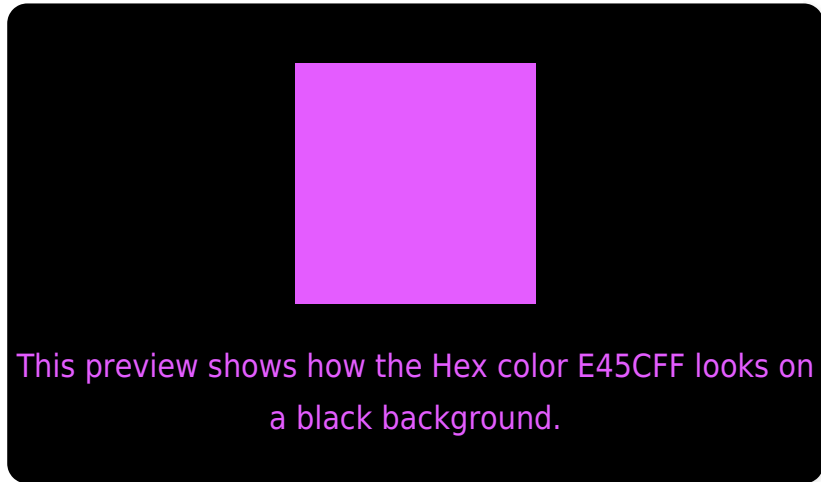
Large Text (above 18pt) WCAG AA × Fail

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

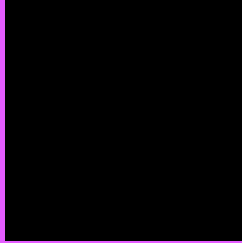
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E45CFF Background



This preview shows how black text looks on a background with the Hex color E45CFF.

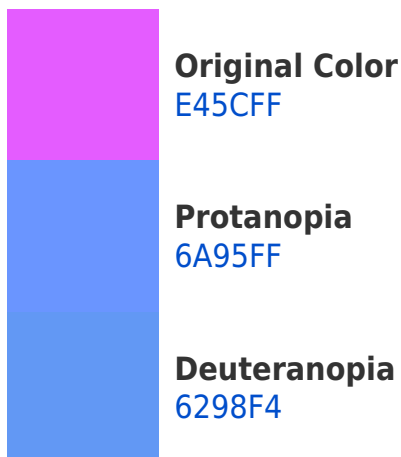


This preview shows how white text looks on a background with the Hex color E45CFF.

# 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](#).

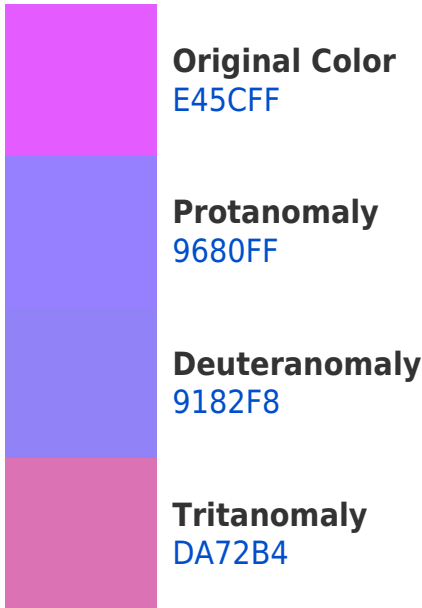
## Dichromacy



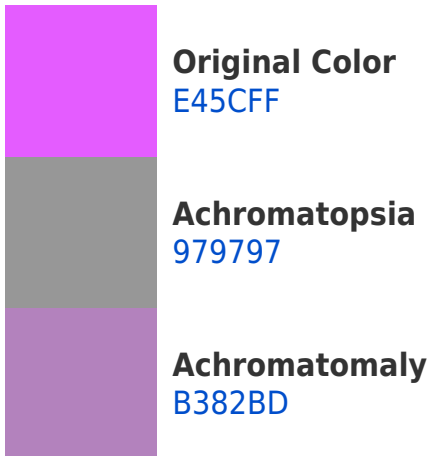


**Tritanopia**  
D47F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E45CFF 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 #E45CFF looks like.

```
.text, #text, p{  
    color:#E45CFF  
}
```

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 #E45CFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E45CFF
}
```

## Border

The CSS property to change the border of an element to Hex E45CFF 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
#E45CFF }
```

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

```
.border{ border-color:#E45CFF }
```

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

Here you see how a box with a 4 pixel #E45CFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E45CFF; -webkit-box-shadow:4px 4px  
4px 4px #E45CFF; box-shadow:4px 4px 4px  
4px #E45CFF }
```

# Background

The CSS property to change the background color of an element to Hex E45CFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E45CFF }
```

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

```
.background{ background-color:#E45CFF }
```

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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