

# Converting Colors

Hex(E463F7)

Have a look what the booklet for  
Hex(E463F7) contains.

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**Color**

**Hex(E463F7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E463F7
RGB	228, 99, 247
RGB Percent	89%, 39%, 97%
CMY	0.1059, 0.6118, 0.0314
CMYK	0.08, 0.60, 0.00, 0.03
HSL	292°, 90%, 68%
HSV	292°, 60%, 97%
XYZ	53.2452, 32.1331, 91.3917
YIQ	154.4430, 29.3760, 73.3760

# Conversions

## Conversions Part 2

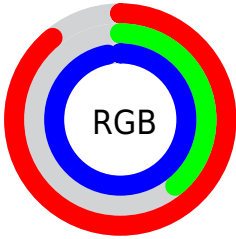
Format	Color
R <sub>Y</sub> B	228, 99, 247
Decimal	14967799
CIE Lab	63.45, 69.71, -51.67
CIE LCh	63, 86.772, 323.452
Yxy	32.1331, 0.3012, 0.1818
Android (android.graphics.Color)	4293157879 (0xFFE463F7)
YUV	154.4430, 45.6306, 64.5095
Hunter-Lab	56.6860, 68.4647, -55.9097

# Details

The Hex color **E463F7** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **76F763**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FF9CFF**, and **A924BE** is the 20% darker color. If you saturate the color by 10%, you get **E14AF7**, and if you desaturate by 10%, it is **E77CF7**.

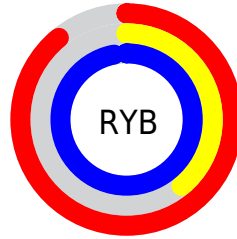
# Distribution



Red (89%)

Green (39%)

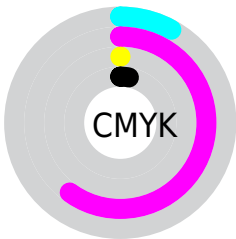
Blue (97%)



Red (89%)

Yellow (39%)

Blue (97%)

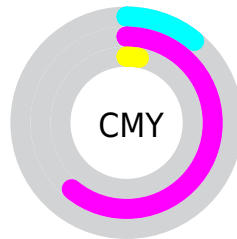


Cyan (8%)

Magenta (60%)

Yellow (0%)

Black (3%)



Cyan (11%)

Magenta (61%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E463F7 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 E463F7 by changing the saturation by 10% instead.



 E463F7

FFFFFF

 FF9CFF

 FFB9FF

 FFD6FF

 FFF4FF

 E463F7

 C646DA

 A924BE

 8D00A2

 700088

 54006E

 390055

 1C003C

 000225

 00010E

 E463F7

 E463F7

 E14AF7

 E77CF7

 DE32F7

 EA94F7

 DA19F7

 EEADF7

 D700F7

 F1C6F7

 F4DFF7

 F7F7F7

 FAFFF7

 FDFFF7

 FFFFF7

# Harmonies

## Analogous

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



678DFF



E463F7



FF39AE

# Triad

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



E463F7



C89100



00BBD5

# Complementary

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



E463F7



76F763

# 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.



00BA86



E463F7



7FA700

# Square

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



E463F7



FE6D0D



00B432



00B7FF

# Rectangle

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



E463F7



FF377B



00B432



00BBBC



# Sweetspot

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



E463F7



F9D1FF



6377F7



7C6380



000000



808080



# Same Dimension

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



E463F7



E747FF



F763C1



796E7A



A200BA



33003B



# Inverse Universe

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



F76376



FF475F



63F799



7A6E70



BA0018



3B0008



# Previews

## White Background



This preview shows how the Hex color E463F7 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

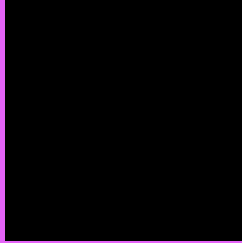
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E463F7 Background



This preview shows how black text looks on a background with the Hex color E463F7.

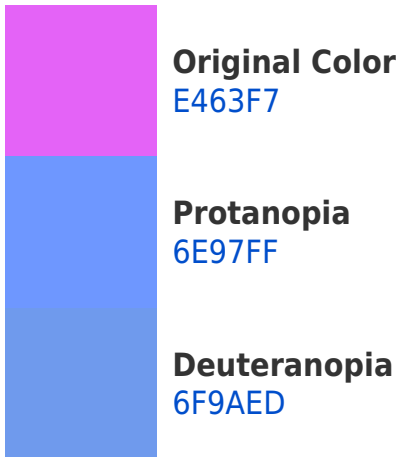


This preview shows how white text looks on a background with the Hex color E463F7.

# 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](#).

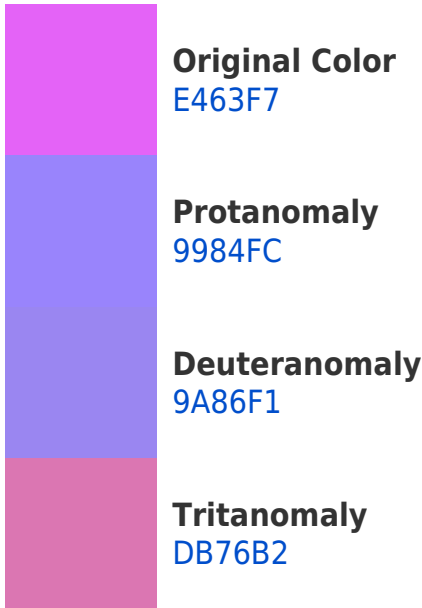
## Dichromacy





**Tritanopia**  
D6818B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E463F7 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 #E463F7 looks like.

```
.text, #text, p{  
    color:#E463F7  
}
```

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 #E463F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E463F7
}
```

## Border

The CSS property to change the border of an element to Hex E463F7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

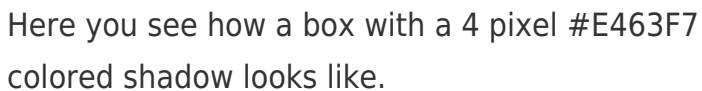
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E463F7 }
```

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

```
.border{ border-color:#E463F7 }
```

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



Here you see how a box with a 4 pixel #E463F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E463F7; -webkit-box-shadow:4px 4px  
4px 4px #E463F7; box-shadow:4px 4px 4px  
4px #E463F7 }
```

# Background

The CSS property to change the background color of an element to Hex E463F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E463F7 }
```

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

```
.background{ background-color:#E463F7 }
```

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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