

# Converting Colors

Hex(E546F9)

Have a look what the booklet for  
Hex(E546F9) contains.

<b>Hex(E546F9)</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(E546F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E546F9
RGB	229, 70, 249
RGB Percent	90%, 27%, 98%
CMY	0.1020, 0.7255, 0.0235
CMYK	0.08, 0.72, 0.00, 0.02
HSL	293°, 94%, 63%
HSV	293°, 72%, 98%
XYZ	51.6021, 27.8779, 92.2838
YIQ	137.9470, 37.3050, 89.3770

# Conversions

## Conversions Part 2

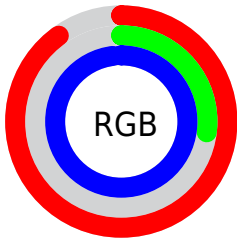
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	229, 70, 249
Decimal	15025913
CIE <sub>Lab</sub>	59.78, 81.26, -58.62
CIE <sub>LCh</sub>	60, 100.199, 324.195
Y <sub>xy</sub>	27.8779, 0.3004, 0.1623
Android (android.graphics.Color)	4293215993 (0xFFE546F9)
YUV	137.9470, 54.7491, 79.8535
Hunter-Lab	52.7995, 82.0529, -66.6683

# Details

The Hex color **E546F9** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **5AF946**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF84FF**, and **A900C0** is the 20% darker color. If you saturate the color by 10%, you get **E22DF9**, and if you desaturate by 10%, it is **E85FF9**.

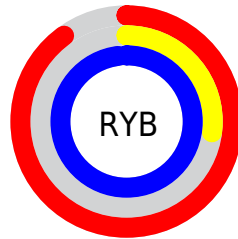
# Distribution



Red (90%)

Green (27%)

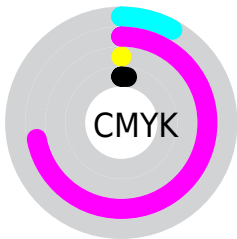
Blue (98%)



Red (90%)

Yellow (27%)

Blue (98%)

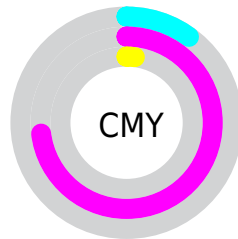


Cyan (8%)

Magenta (72%)

Yellow (0%)

Black (2%)



Cyan (10%)

Magenta (73%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E546F9 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 E546F9 by changing the saturation by 10% instead.



 E546F9

 E546F9

FFFFFF

 C71EDC

 FF84FF

 A900C0

 FFA2FF

 8C00A4

 FFBFFF

 6F0089

 FFDDFF

 52006F

 FFFBFF

 380056

 15003D

 000326

 00010F

 E546F9

 E546F9

 E22DF9

 E85FF9

 DF14F9

 EB78F9

 DD00F9

 ED91F9

 F0AAF9

 F3C3F9

 F6DBF9

 F8F4F9

 FBFFF9

 FEFFF9

# Harmonies

## Analogous

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



4181FF



E546F9



FF00A5

# Triad

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



E546F9



BD8700



00B4D7

# Complementary

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



E546F9



5AF946

# 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.



00B27C



E546F9



69A000

# Square

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



E546F9



FC5A00



00AD0A



00B0FF

# Rectangle

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



E546F9



FF006B



00AD0A



00B4B9



# Sweetspot

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



E546F9



F9C7FF



465BF9



7C5E80



000000



808080



# Same Dimension

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



E546F9



E624FF



F946B4



7C707D



A800BD



36003D



# Inverse Universe

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



F9465A



FF243C



46F98B



7D7072



BD0015



3D0007



# Previews

## White Background



This preview shows how the Hex color E546F9 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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

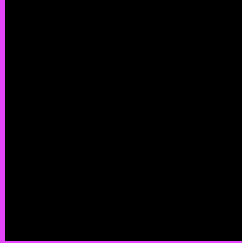
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex E546F9 Background



This preview shows how black text looks on a background with the Hex color E546F9.



This preview shows how white text looks on a background with the Hex color E546F9.

# 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](#).

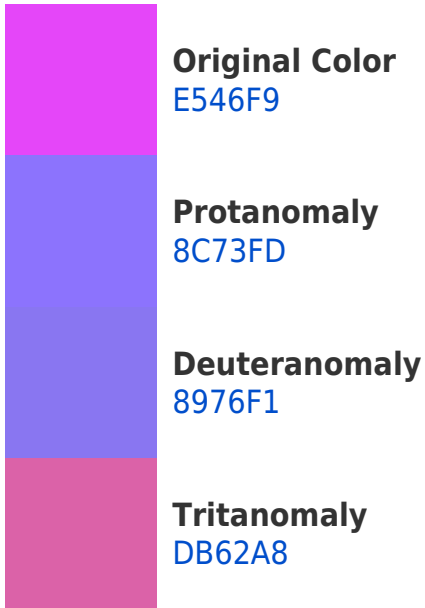
## Dichromacy



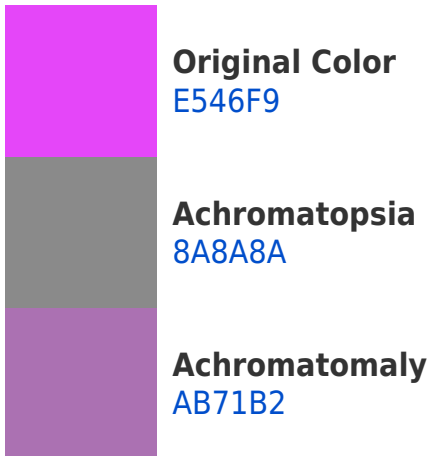


**Tritanopia**  
D5727A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E546F9 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 #E546F9 looks like.

```
.text, #text, p{  
    color:#E546F9  
}
```

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 #E546F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E546F9
}
```

## Border

The CSS property to change the border of an element to Hex E546F9 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
#E546F9 }
```

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

```
.border{ border-color:#E546F9 }
```

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

Here you see how a box with a 4 pixel #E546F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E546F9; -webkit-box-shadow:4px 4px  
4px 4px #E546F9; box-shadow:4px 4px 4px  
4px #E546F9 }
```

# Background

The CSS property to change the background color of an element to Hex E546F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E546F9 }
```

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

```
.background{ background-color:#E546F9 }
```

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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