

# Converting Colors

Hex(EC65FF)

Have a look what the booklet for  
Hex(EC65FF) contains.

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**Color**

**Hex(EC65FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC65FF
RGB	236, 101, 255
RGB Percent	93%, 40%, 100%
CMY	0.0745, 0.6039, 0.0000
CMYK	0.07, 0.60, 0.00, 0.00
HSL	293°, 100%, 70%
HSV	293°, 60%, 100%
XYZ	57.2958, 34.3602, 98.2201
YIQ	158.9210, 31.0260, 76.5140

# Conversions

## Conversions Part 2

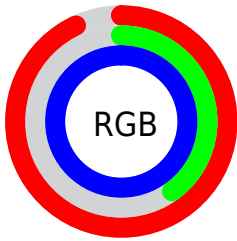
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	236, 101, 255
Decimal	15492607
CIE Lab	65.25, 72.17, -53.16
CIE LCh	65, 89.638, 323.623
Yxy	34.3602, 0.3018, 0.1810
Android (android.graphics.Color)	4293682687 (0xFFEC65FF)
YUV	158.9210, 47.3669, 67.5983
Hunter-Lab	58.6176, 71.8940, -58.3145

# Details

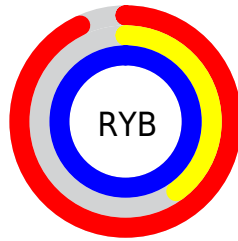
The Hex color **EC65FF** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **78FF65**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FF9FFF**, and **B125C6** is the 20% darker color. If you saturate the color by 10%, you get **E94BFF**, and if you desaturate by 10%, it is **EF7EFF**.

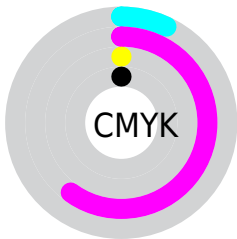
# Distribution



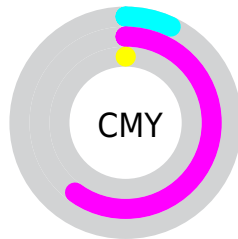
- Red (93%)
- Green (40%)
- Blue (100%)



- Red (93%)
- Yellow (40%)
- Blue (100%)



- Cyan (7%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (60%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC65FF 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 EC65FF by changing the saturation by 10% instead.



 EC65FF

 EC65FF

FFFFFF

 CE47E2

 FF9FFF

 B125C6

 FFBCFF

 9400AA

 FFD9FF

 77008F

 FFF7FF

 5B0074

 3F005B

 240043

 00002B

 000115

 EC65FF

 EC65FF

 E94BFF

 EF7EFF

 E632FF

 F298FF

 E318FF

 F5B2FF

 E000FF

 F9CBFF

 FCE4FF

FFFEFF

FFFFFF

# Harmonies

## Analogous

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



6B91FF



EC65FF



FF38B3

# Triad

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



EC65FF



CE9500



00C1DD

# Complementary

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



EC65FF



78FF65

# 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.



00C08A



EC65FF



82AD00

# Square

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



EC65FF



FF7009



00BA33



00BCFF

# Rectangle

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



EC65FF



FF377E



00BA33



00C1C2



# Sweetspot

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



EC65FF



F9D1FF



657AFF



7C6380



000000



808080



# Same Dimension

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



EC65FF



E847FF



FF65C7



7E7380



A800BF



380040



# Inverse Universe

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



FF6578



FF475E



65FF9D



807374



BF0018

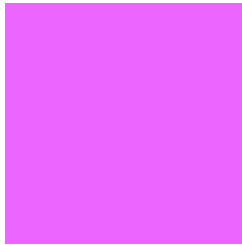


400008



# Previews

## White Background



This preview shows how the Hex color EC65FF looks on a white background.

## Color Contrast Check

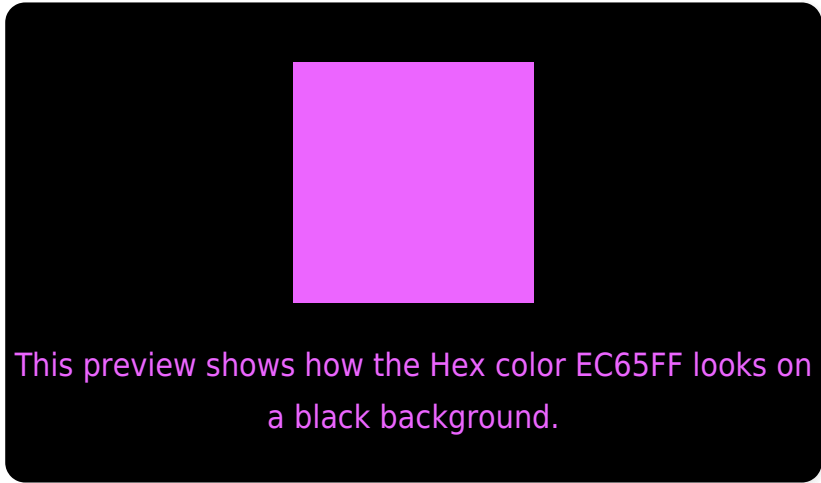
Large Text (above 18pt) WCAG AA × Fail

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

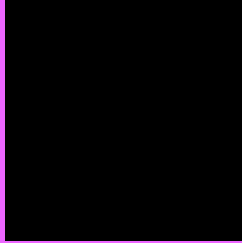
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex EC65FF Background



This preview shows how black text looks on a background with the Hex color EC65FF.

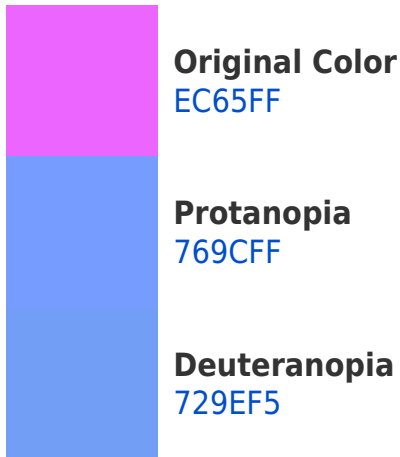



This preview shows how white text looks on a background with the Hex color EC65FF.

# 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**  
DD858F

# Trichromacy



**Original Color**  
EC65FF



**Protanomaly**  
A188FF



**Deuteranomaly**  
9E89F9



**Tritanomaly**  
E279B8

# Monochromacy



**Original Color**  
EC65FF



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
BB8AC2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC65FF 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 #EC65FF looks like.

```
.text, #text, p{  
    color:#EC65FF  
}
```

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 #EC65FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC65FF
}
```

## Border

The CSS property to change the border of an element to Hex EC65FF 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
#EC65FF }
```

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

```
.border{ border-color:#EC65FF }
```

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

Here you see how a box with a 4 pixel #EC65FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC65FF; -webkit-box-shadow:4px 4px  
4px 4px #EC65FF; box-shadow:4px 4px 4px  
4px #EC65FF }
```

# Background

The CSS property to change the background color of an element to Hex EC65FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC65FF }
```

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

```
.background{ background-color:#EC65FF }
```

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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