

# Converting Colors

Hex(EF65EF)

Have a look what the booklet for  
Hex(EF65EF) contains.

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**Color**

**Hex(EF65EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EF65EF
RGB	239, 101, 239
RGB Percent	94%, 40%, 94%
CMY	0.0627, 0.6039, 0.0627
CMYK	0.00, 0.58, 0.00, 0.06
HSL	300°, 81%, 67%
HSV	300°, 58%, 94%
XYZ	55.8303, 33.8901, 85.2602
YIQ	157.9940, 37.9500, 72.1740

# Conversions

## Conversions Part 2

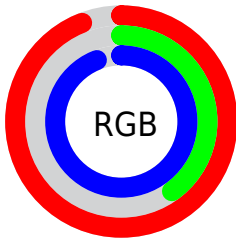
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	239, 101, 239
Decimal	15689199
CIE <sub>Lab</sub>	64.88, 70.14, -44.90
CIE <sub>LCh</sub>	65, 83.284, 327.374
Y <sub>xy</sub>	33.8901, 0.3191, 0.1937
Android (android.graphics.Color)	4293879279 (0xFFEF65EF)
Y <sub>UV</sub>	157.9940, 39.9360, 71.0423
Hunter-Lab	58.2152, 69.3108, -46.0837

# Details

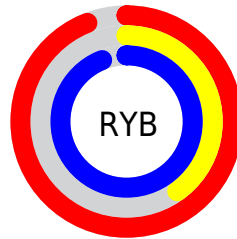
The Hex color **EF65EF** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **65EF65**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FF9EFF**, and **B426B6** is the 20% darker color. If you saturate the color by 10%, you get **EF4DEF**, and if you desaturate by 10%, it is **EF7DEF**.

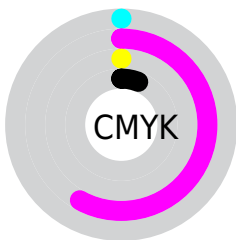
# Distribution



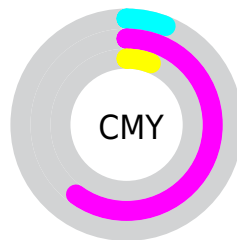
- Red (94%)
- Green (40%)
- Blue (94%)



- Red (94%)
- Yellow (40%)
- Blue (94%)



- Cyan (0%)
- Magenta (58%)
- Yellow (0%)
- Black (6%)



- Cyan (6%)
- Magenta (60%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EF65EF 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 EF65EF by changing the saturation by 10% instead.



 EF65EF

 EF65EF

FFFFFF

 D147D2

 FF9EFF

 B426B6

 FFBBFF

 97009B

 FFD9FF

 7B0081

 FFF7FF

 5F0067

 43004E

 290037

 000020

 000004

 EF65EF

 EF65EF

 EF4DEF

 EF7DEF

 EF35EF

 EF95EF

 EF1DEF

 EFADEF

 EF05EF

 EFC5EF

 EF00EF

 EFDCEF

 EFF4EF

 EFFFEF

# Harmonies

## Analogous

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



888CFF



EF65EF



FF45A7

# Triad

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



EF65EF



C39800



00BEE0

# Complementary

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



EF65EF



65EF65

# 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.



00BE94



EF65EF



7AAD00

# Square

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



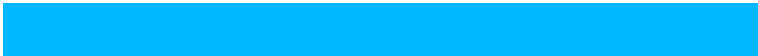
EF65EF



FA780E



00B846



00B8FF

# Rectangle

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



EF65EF



FF4976



00B846



00BEC8



# Sweetspot

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



EF65EF



FFD4FF



6565EF



806680



000000



808080



# Same Dimension

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



EF65EF



FF4FFF



EF65AA



786C78



B800B8



380038



# Inverse Universe

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



EF65EF



FF4FFF



65EFAA



786C78



B800B8



380038



# Previews

## White Background



This preview shows how the Hex color EF65EF looks on a white background.

## Color Contrast Check

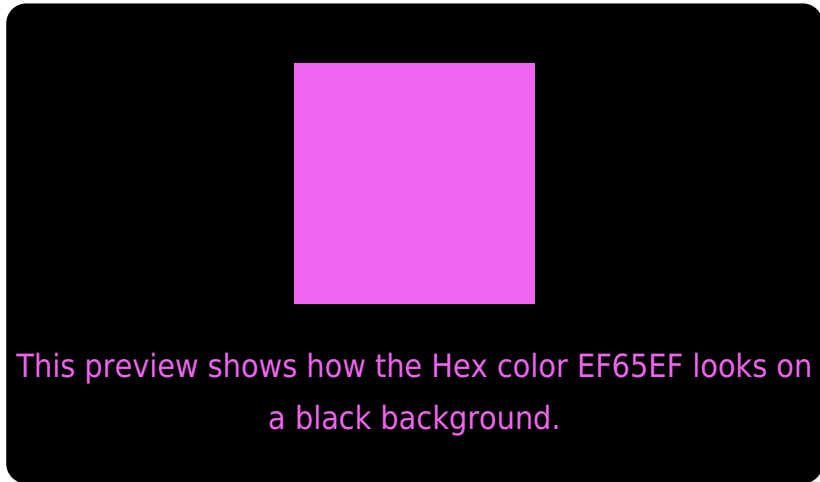
Large Text (above 18pt) WCAG AA × Fail

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 EF65EF Background



This preview shows how black text looks on a background with the Hex color EF65EF.



This preview shows how white text looks on a background with the Hex color EF65EF.

# 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**  
E3808A

# Trichromacy



**Original Color**  
EF65EF



**Protanomaly**  
A187F9



**Deuteranomaly**  
A888E9



**Tritanomaly**  
E776AF

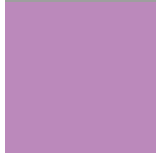
# Monochromacy



**Original Color**  
EF65EF



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
BB89BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EF65EF 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 #EF65EF looks like.

```
.text, #text, p{  
    color:#EF65EF  
}
```

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 #EF65EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF65EF
}
```

## Border

The CSS property to change the border of an element to Hex EF65EF 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
#EF65EF }
```

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

```
.border{ border-color:#EF65EF }
```

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

Here you see how a box with a 4 pixel #EF65EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF65EF; -webkit-box-shadow:4px 4px  
4px 4px #EF65EF; box-shadow:4px 4px 4px  
4px #EF65EF }
```

# Background

The CSS property to change the background color of an element to Hex EF65EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF65EF }
```

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

```
.background{ background-color:#EF65EF }
```

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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