

# Converting Colors

Hex(EF55D5)

Have a look what the booklet for  
Hex(EF55D5) contains.

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# Color

**Hex(EF55D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EF55D5
RGB	239, 85, 213
RGB Percent	94%, 33%, 84%
CMY	0.0627, 0.6667, 0.1647
CMYK	0.00, 0.64, 0.11, 0.06
HSL	310°, 83%, 64%
HSV	310°, 64%, 94%
XYZ	50.8553, 29.6518, 65.9938
YIQ	145.6380, 50.6960, 72.4560

# Conversions

## Conversions Part 2

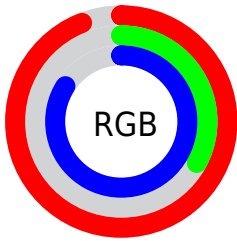
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	239, 85, 213
Decimal	15685077
CIE Lab	61.35, 72.50, -35.89
CIE LCh	61, 80.896, 333.663
Yxy	29.6518, 0.3471, 0.2024
Android (android.graphics.Color)	4293875157 (0xFFEF55D5)
YUV	145.6380, 33.2095, 81.8785
Hunter-Lab	54.4535, 71.4116, -33.7379

# Details

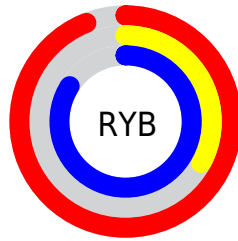
The Hex color **EF55D5** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **55EF6F**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF90FF**, and **B3009E** is the 20% darker color. If you saturate the color by 10%, you get **EF3DD1**, and if you desaturate by 10%, it is **EF6DD9**.

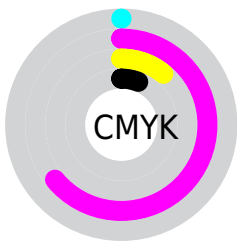
# Distribution



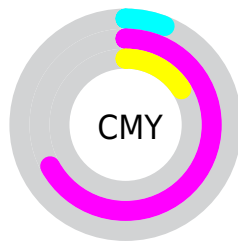
- Red (94%)
- Green (33%)
- Blue (84%)



- Red (94%)
- Yellow (33%)
- Blue (84%)



- Cyan (0%)
- Magenta (64%)
- Yellow (11%)
- Black (6%)



- Cyan (6%)
- Magenta (67%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EF55D5 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 EF55D5 by changing the saturation by 10% instead.



 EF55D5

 EF55D5

FFFFFF

 D135B9

 FF90FF

 B3009E

 FFADFF

 960083

 FFCAFF

 7A006A

 FFE8FF

 5E0051

 44003A

 270023

 000009

 000000

 EF55D5

 EF55D5

 EF3DD1

 EF6DD9

 EF25CD

 EF85DD

 EF0DC9

 EF9DE1

 EF00C7

 EFB5E5

 EFCCE9

 EFE4ED

 EFFCF1

 EFFFF5

 EFFFF9

# Harmonies

## Analogous

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



9B7CFF



EF55D5



FF3C8F

# Triad

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



EF55D5



AB9400



00B3E2

# Complementary

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



EF55D5



55EF6F

# 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.



00B39B



EF55D5



60A600

# Square

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



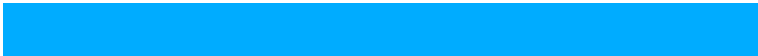
EF55D5



E37800



00AF50



00ACFF

# Rectangle

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



EF55D5



FF4760



00AF50



00B3CC



# Sweetspot

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



EF55D5



FFCFF7



6F55EF



80627B



000000



808080



# Same Dimension

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



EF55D5



FF3BDE



EF5588



786C76



B80099



38002F



# Inverse Universe

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



EF55D5



FF3BDE



55EFBC



786C76



B80099



38002F



# Previews

## White Background



This preview shows how the Hex color EF55D5 looks on a white background.

## Color Contrast Check

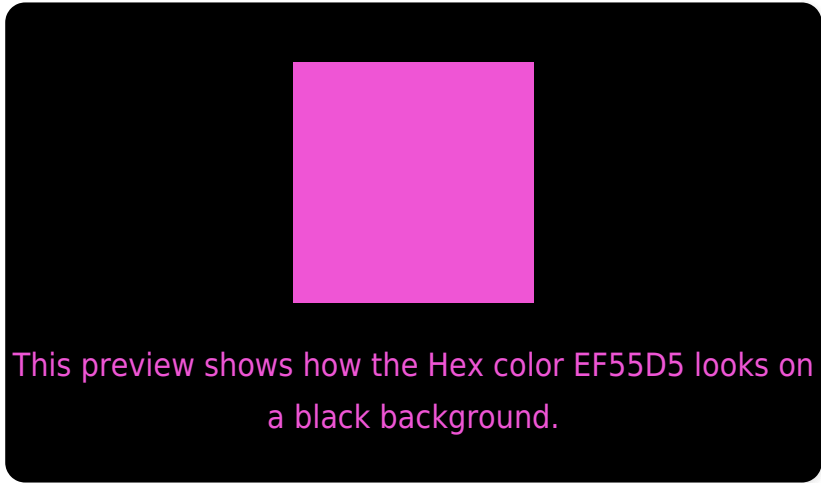
Large Text (above 18pt) WCAG AA ✓ Pass

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 EF55D5 Background



This preview shows how black text looks on a background with the Hex color EF55D5.

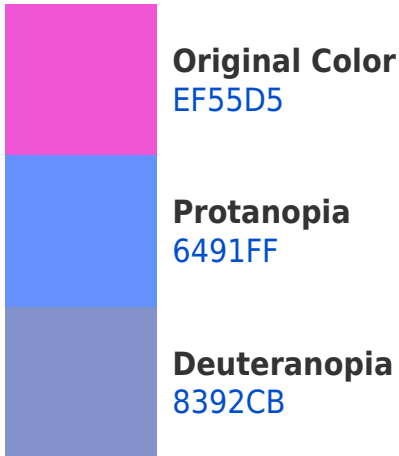


This preview shows how white text looks on a background with the Hex color EF55D5.

# 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**  
E56F77

# Trichromacy



**Original Color**  
EF55D5



**Protanomaly**  
977BF0



**Deuteranomaly**  
AA7CCF



**Tritanomaly**  
E96699

# Monochromacy



**Original Color**  
EF55D5



**Achromatopsia**  
929292



**Achromatomaly**  
B47CAA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EF55D5 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 #EF55D5 looks like.

```
.text, #text, p{  
    color:#EF55D5  
}
```

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 #EF55D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF55D5
}
```

## Border

The CSS property to change the border of an element to Hex EF55D5 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
#EF55D5 }
```

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

```
.border{ border-color:#EF55D5 }
```

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

Here you see how a box with a 4 pixel #EF55D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF55D5; -webkit-box-shadow:4px 4px  
4px 4px #EF55D5; box-shadow:4px 4px 4px  
4px #EF55D5 }
```

# Background

The CSS property to change the background color of an element to Hex EF55D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF55D5 }
```

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

```
.background{ background-color:#EF55D5 }
```

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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