

Converting Colors

Hex(E35EF3)

Have a look what the booklet for
Hex(E35EF3) contains.

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Color

Hex(E35EF3)

Conversions

Conversions Part 1

Format	Color
Hex	E35EF3
RGB	227, 94, 243
RGB Percent	89%, 37%, 95%
CMY	0.1098, 0.6314, 0.0471
CMYK	0.07, 0.61, 0.00, 0.05
HSL	294°, 86%, 66%
HSV	294°, 61%, 95%
XYZ	51.8589, 30.8074, 88.0072
YIQ	150.7530, 31.4390, 74.5350

Conversions

Conversions Part 2

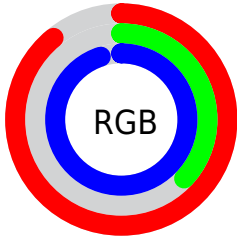
Format	Color
R _Y B	227, 94, 243
Decimal	14900979
CIE Lab	62.34, 70.88, -51.22
CIE LCh	62, 87.449, 324.143
Yxy	30.8074, 0.3038, 0.1805
Android (android.graphics.Color)	4293091059 (0xFFE35EF3)
YUV	150.7530, 45.4778, 66.8686
Hunter-Lab	55.5044, 69.6437, -55.1565

Details

The Hex color **E35EF3** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **6EF35E**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FF97FF**, and **A81CBA** is the 20% darker color. If you saturate the color by 10%, you get **E046F3**, and if you desaturate by 10%, it is **E676F3**.

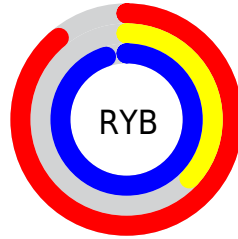
Distribution



Red (89%)

Green (37%)

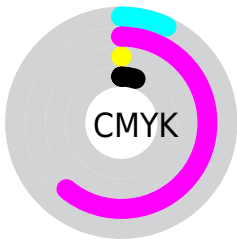
Blue (95%)



Red (89%)

Yellow (37%)

Blue (95%)

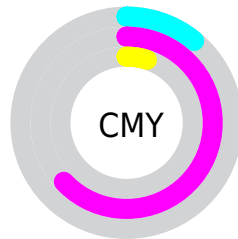


Cyan (7%)

Magenta (61%)

Yellow (0%)

Black (5%)



Cyan (11%)

Magenta (63%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color E35EF3 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 E35EF3 by changing the saturation by 10% instead.

 E35EF3

 E35EF3

FFFFFF

 C540D6

 FF97FF

 A81CBA

 FFB4FF

 8B009F

 FFD2FF


 6F0084


 FFEFFF

 53006A

 390051

 1B0039

 000222

 000009

 E35EF3

 E35EF3

 E046F3

 E676F3

 DE2DF3

 E88FF3

 DB15F3

 EBA7F3

 D900F3

 EDBFF3

 F0D7F3

 F3F0F3

 F5FFF3

 F8FFF3

 FAFFF3

Harmonies

Analogous

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



6789FF



E35EF3



FF31A9

Triad

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



E35EF3



C38E00



00B8D4

Complementary

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



E35EF3



6EF35E

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.



00B785



E35EF3



7AA500

Square

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



E35EF3



FA6B00



00B130



00B4FF

Rectangle

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



E35EF3



FF3176



00B130



00B8BB

Sweetspot

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



E35EF3



FAD1FF



5E6FF3



7C6380



000000



808080

Same Dimension

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



E35EF3



EB42FF



F35EBA



796E7A



A600BA



34003B

Inverse Universe

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



F35E6E



FF4257



5EF397



7A6E6F



BA0014



3B0006

Previews

White Background



This preview shows how the Hex color E35EF3 looks on a white background.

Color Contrast Check

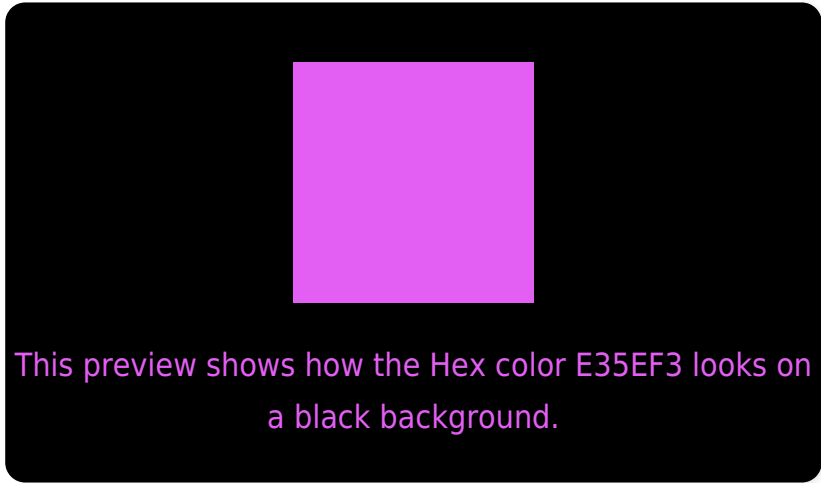
Large Text (above 18pt) WCAG AA × Fail

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

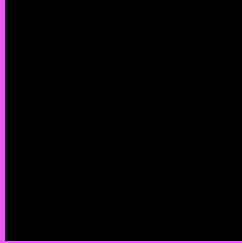
Any Text WCAG AA ✓ Pass

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 E35EF3 Background



This preview shows how black text looks on a background with the Hex color E35EF3.

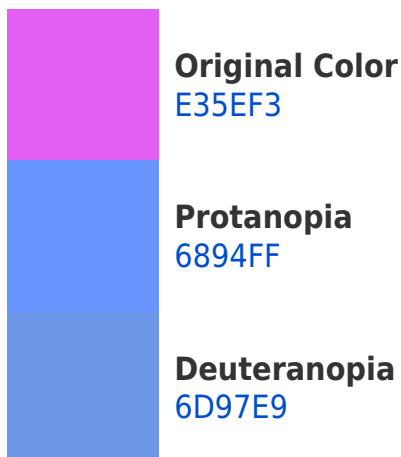


This preview shows how white text looks on a background with the Hex color E35EF3.

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
D57D86

Trichromacy



Original Color
E35EF3



Protanomaly
9580FB



Deuteranomaly
9882ED



Tritanomaly
DA72AE

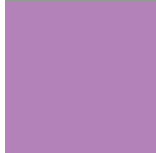
Monochromacy



Original Color
E35EF3



Achromatopsia
979797



Achromatomaly
B382B8

CSS Examples

Text

The CSS property to change the color of the text to Hex E35EF3 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 #E35EF3 looks like.

```
.text, #text, p{  
    color:#E35EF3  
}
```

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 #E35EF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E35EF3
}
```

Border

The CSS property to change the border of an element to Hex E35EF3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

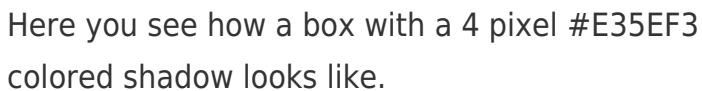
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E35EF3 }
```

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

```
.border{ border-color:#E35EF3 }
```

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



Here you see how a box with a 4 pixel #E35EF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E35EF3; -webkit-box-shadow:4px 4px  
4px 4px #E35EF3; box-shadow:4px 4px 4px  
4px #E35EF3 }
```

Background

The CSS property to change the background color of an element to Hex E35EF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E35EF3 }
```

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

```
.background{ background-color:#E35EF3 }
```

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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