

Converting Colors

Hex(E536EB)

Have a look what the booklet for
Hex(E536EB) contains.

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Color

Hex(E536EB)

Conversions

Conversions Part 1

Format	Color
Hex	E536EB
RGB	229, 54, 235
RGB Percent	90%, 21%, 92%
CMY	0.1020, 0.7882, 0.0784
CMYK	0.03, 0.77, 0.00, 0.08
HSL	298°, 82%, 57%
HSV	298°, 77%, 92%
XYZ	48.6277, 25.2945, 80.9166
YIQ	126.9590, 46.1990, 93.3910

Conversions

Conversions Part 2

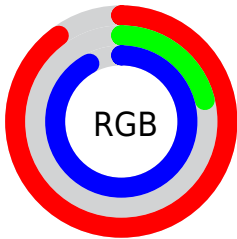
Format	Color
R _{YB}	229, 54, 235
Decimal	15021803
CIE Lab	57.36, 83.69, -54.67
CIE LCh	57, 99.964, 326.844
Yxy	25.2945, 0.3141, 0.1634
Android (android.graphics.Color)	4293211883 (0xFFE536EB)
YUV	126.9590, 53.2642, 89.4900
Hunter-Lab	50.2936, 84.5733, -60.1852

Details

The Hex color **E536EB** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **3CEB36**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF78FF**, and **A900B2** is the 20% darker color. If you saturate the color by 10%, you get **E41FEB**, and if you desaturate by 10%, it is **E64EEB**.

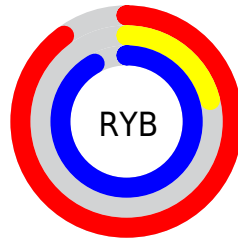
Distribution



Red (90%)

Green (21%)

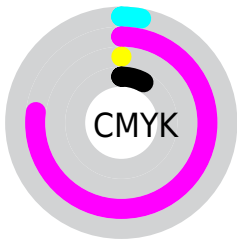
Blue (92%)



Red (90%)

Yellow (21%)

Blue (92%)

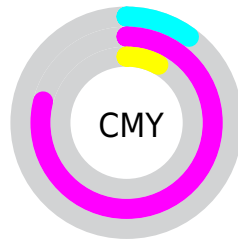


Cyan (3%)

Magenta (77%)

Yellow (0%)

Black (8%)



Cyan (10%)

Magenta (79%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color E536EB 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 E536EB by changing the saturation by 10% instead.

 E536EB

 E536EB

FFFFFF

 C700CE

 FF78FF

 A900B2

 FF96FF

 8C0097

 FFB4FF

 6F007C

 FFD2FF

 520063

 FFF1FF

 37004A

 160032

 00021C

 000000

 E536EB

 E536EB

 E41FEB

 E64EEB

 E307EB

 E765EB

 E300EB

 E77CEB

 E894EB

 E9ABEB

 EAC3EB

 EADBEB

 EBF2EB

 ECF FEB

Harmonies

Analogous

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



5677FF



E536EB



FF0097

Triad

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



E536EB



B08400



00ADD7

Complementary

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



E536EB



3CEB36

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.



00AB7E



E536EB



589B00

Square

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



E536EB



EF5900



00A714



00A9FF

Rectangle

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



E536EB



FF005E



00A714



00ADBA

Sweetspot

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



E536EB



FDC4FF



363CEB



7E5C80



000000



808080

Same Dimension

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



E536EB



F714FF



EB3697



756A75



AF00B5



340036

Inverse Universe

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



EB363C



FF141C



36EB8A



756A6A



B50006



360002

Previews

White Background



This preview shows how the Hex color E536EB 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

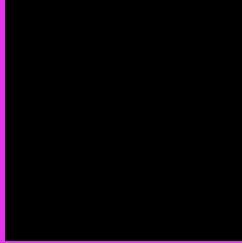
Any Text WCAG AA ✓ Pass

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 E536EB Background



This preview shows how black text looks on a background with the Hex color E536EB.

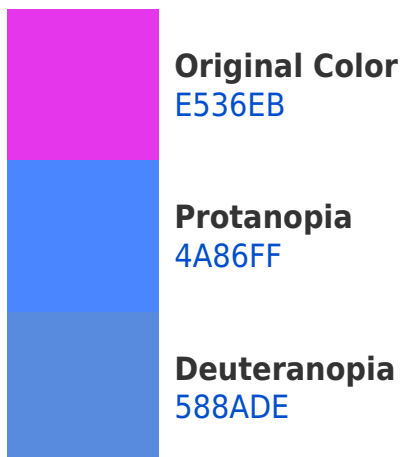


This preview shows how white text looks on a background with the Hex color E536EB.

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](#).

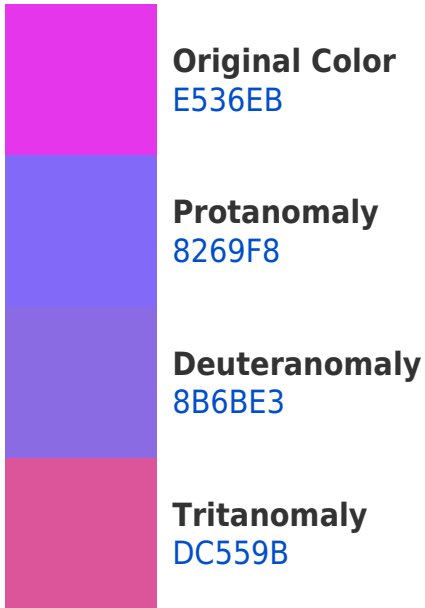
Dichromacy



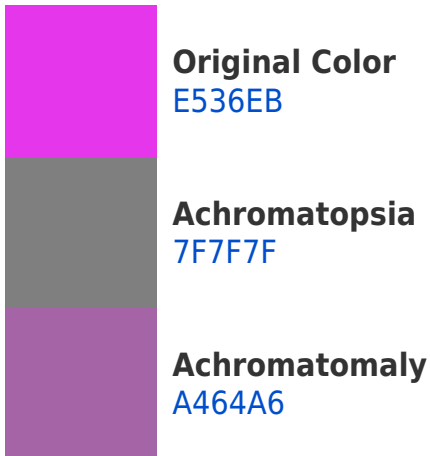


Tritanopia
D7666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E536EB 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 #E536EB looks like.

```
.text, #text, p{  
    color:#E536EB  
}
```

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 #E536EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E536EB
}
```

Border

The CSS property to change the border of an element to Hex E536EB is called "border". The border property can be set on classes, ids or directly on the HTML element.

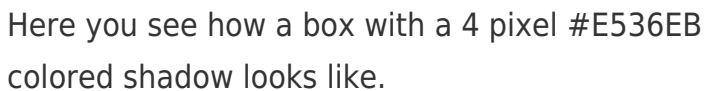
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E536EB }
```

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

```
.border{ border-color:#E536EB }
```

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



Here you see how a box with a 4 pixel #E536EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E536EB; -webkit-box-shadow:4px 4px  
4px 4px #E536EB; box-shadow:4px 4px 4px  
4px #E536EB }
```

Background

The CSS property to change the background color of an element to Hex E536EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E536EB }
```

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

```
.background{ background-color:#E536EB }
```

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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