

Converting Colors

Hex(E446EC)

Have a look what the booklet for
Hex(E446EC) contains.

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Color

Hex(E446EC)

Conversions

Conversions Part 1

Format	Color
Hex	E446EC
RGB	228, 70, 236
RGB Percent	89%, 27%, 93%
CMY	0.1059, 0.7255, 0.0745
CMYK	0.03, 0.70, 0.00, 0.07
HSL	297°, 81%, 60%
HSV	297°, 70%, 93%
XYZ	49.3254, 26.9304, 81.9552
YIQ	136.1660, 40.8820, 85.1220

Conversions

Conversions Part 2

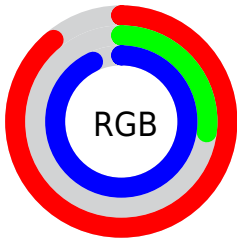
Format	Color
R _{YB}	228, 70, 236
Decimal	14960364
CIE Lab	58.91, 78.92, -52.77
CIE LCh	59, 94.936, 326.228
Yxy	26.9304, 0.3118, 0.1702
Android (android.graphics.Color)	4293150444 (0xFFE446EC)
YUV	136.1660, 49.2182, 80.5384
Hunter-Lab	51.8945, 78.8476, -57.3085

Details

The Hex color **E446EC** 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 **4EEC46**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF83FF**, and **A800B3** is the 20% darker color. If you saturate the color by 10%, you get **E32EEC**, and if you desaturate by 10%, it is **E55EEC**.

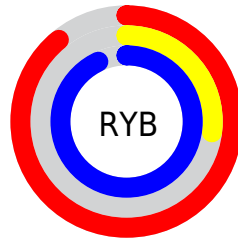
Distribution



Red (89%)

Green (27%)

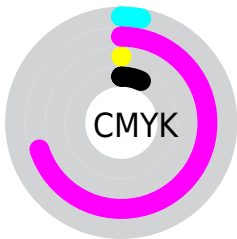
Blue (93%)



Red (89%)

Yellow (27%)

Blue (93%)

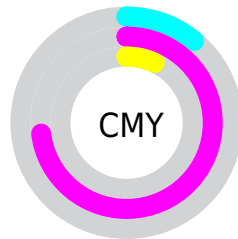


Cyan (3%)

Magenta (70%)

Yellow (0%)

Black (7%)



Cyan (11%)

Magenta (73%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color E446EC 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 E446EC by changing the saturation by 10% instead.

 E446EC

 E446EC

FFFFFF

 C61FCF

 FF83FF

 A800B3

 FFA1FF

 8B0098

 FFBEFF

 6F007E

 FFDCFF

 520064

 FFFAFF

 38004B

 180033

 00021D

 000000

 E446EC

 E446EC

 E32EEC

 E55EEC

 E217EC

 E675EC

 E100EC

 E78DEC

 E9A4EC

 EABCEC

 EBD4EC

 ECEBEC

 EDF FEC

 EEE FEC

Harmonies

Analogous

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



5F7CFF



E446EC



FF009C

Triad

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



E446EC



B58700



00B0D6

Complementary

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



E446EC



4EEC46

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.



00AF80



E446EC



649E00

Square

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



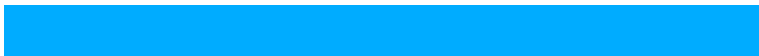
E446EC



F15F00



00AA21



00ACFF

Rectangle

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



E446EC



FF0065



00AA21



00B0BA

Sweetspot

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



E446EC



FCC9FF



464EEC



7E6080



000000



808080

Same Dimension

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



E446EC



F529FF



EC46A1



756A75



AC00B5



330036

Inverse Universe

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



EC464E



FF2933



46EC91



756A6A



B50009



360003

Previews

White Background



This preview shows how the Hex color E446EC 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

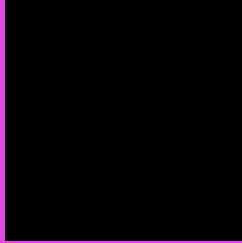
Any Text WCAG AA ✓ Pass

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 E446EC Background



This preview shows how black text looks on a background with the Hex color E446EC.

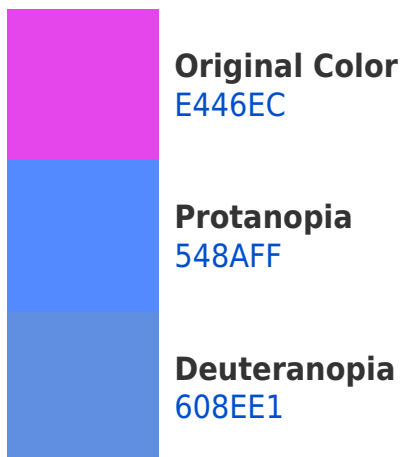


This preview shows how white text looks on a background with the Hex color E446EC.

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](#).

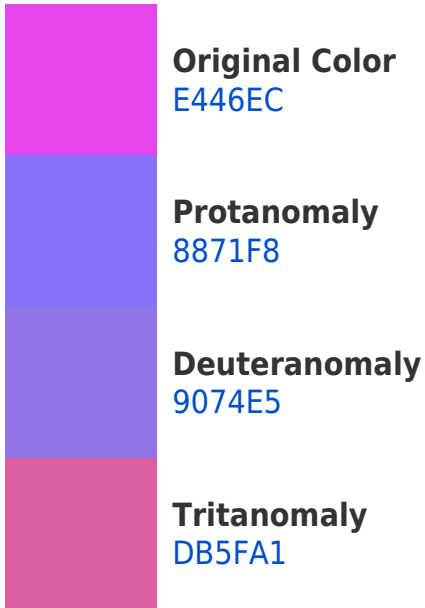
Dichromacy





Tritanopia
D66E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E446EC 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 #E446EC looks like.

```
.text, #text, p{  
    color:#E446EC  
}
```

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 #E446EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E446EC
}
```

Border

The CSS property to change the border of an element to Hex E446EC is called "border". The border property can be set on classes, ids or directly on the HTML element.

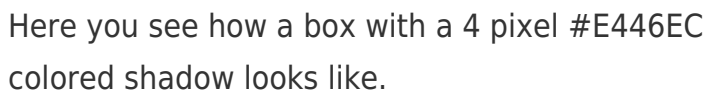
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E446EC }
```

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

```
.border{ border-color:#E446EC }
```

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



Here you see how a box with a 4 pixel #E446EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E446EC; -webkit-box-shadow:4px 4px  
4px 4px #E446EC; box-shadow:4px 4px 4px  
4px #E446EC }
```

Background

The CSS property to change the background color of an element to Hex E446EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E446EC }
```

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

```
.background{ background-color:#E446EC }
```

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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