

Converting Colors

Hex(E45BDE)

Have a look what the booklet for
Hex(E45BDE) contains.

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Color

Hex(E45BDE)

Conversions

Conversions Part 1

Format	Color
Hex	E45BDE
RGB	228, 91, 222
RGB Percent	89%, 36%, 87%
CMY	0.1059, 0.6431, 0.1294
CMYK	0.00, 0.60, 0.03, 0.11
HSL	303°, 72%, 63%
HSV	303°, 60%, 89%
XYZ	48.9208, 29.2501, 72.1747
YIQ	146.8970, 39.6010, 69.7850

Conversions

Conversions Part 2

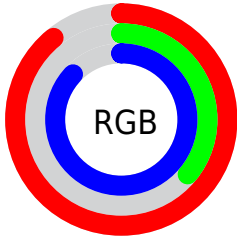
Format	Color
R_{YB}	228, 91, 222
Decimal	14965726
CIE _{Lab}	61.00, 68.80, -41.62
CIE _{LCh}	61, 80.409, 328.827
Yxy	29.2501, 0.3254, 0.1946
Android (android.graphics.Color)	4293155806 (0xFFE45BDE)
YUV	146.8970, 37.0258, 71.1273
Hunter-Lab	54.0833, 66.8154, -41.2646

Details

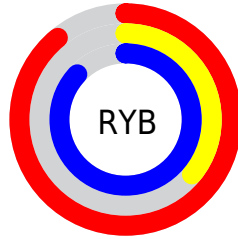
The Hex color **E45BDE** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **5BE461**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FF94FF**, and **A918A6** is the 20% darker color. If you saturate the color by 10%, you get **E444DD**, and if you desaturate by 10%, it is **E472DF**.

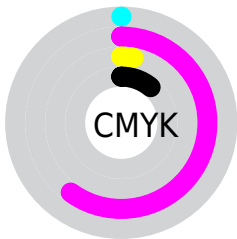
Distribution



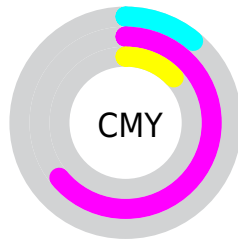
- Red (89%)
- Green (36%)
- Blue (87%)



- Red (89%)
- Yellow (36%)
- Blue (87%)



- Cyan (0%)
- Magenta (60%)
- Yellow (3%)
- Black (11%)



- Cyan (11%)
- Magenta (64%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color E45BDE 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 E45BDE by changing the saturation by 10% instead.

 E45BDE

 E45BDE

FFFFFF

 C63DC2

 FF94FF

 A918A6

 FFB1FF

 8D008C

 FFCEFF

 710072

 FFECFF

 550059

 3C0041

 1E002A

 000113

 000000

 E45BDE

 E45BDE

 E444DD

 E472DF

 E42DDC

 E489E0

 E417DB

 E49FE1

 E400DA

 E4B6E2

 E4CDE3

 E4E4E4

 E4FBE5

 E4FFE6

 E4FFE7

Harmonies

Analogous

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



8581FF



E45BDE



FF3D99

Triad

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



E45BDE



B48F00



00B2D6

Complementary

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



E45BDE



5BE461

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.



00B28E



E45BDE



6EA300

Square

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



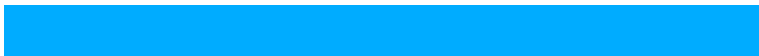
E45BDE



E97100



00AD43



00ACFF

Rectangle

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



E45BDE



FF426A



00AD43



00B2BF

Sweetspot

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



E45BDE



FFD1FD



605BE4



80637E



000000



808080

Same Dimension

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



E45BDE



FF47F7



E45B9B



736772



B300AB



330031

Inverse Universe

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



E45BDE



FF47F7



5BE4A4



736772



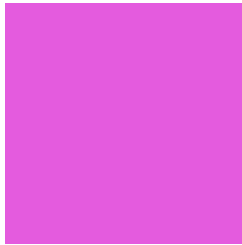
B300AB



330031

Previews

White Background



This preview shows how the Hex color E45BDE looks on a white background.

Color Contrast Check

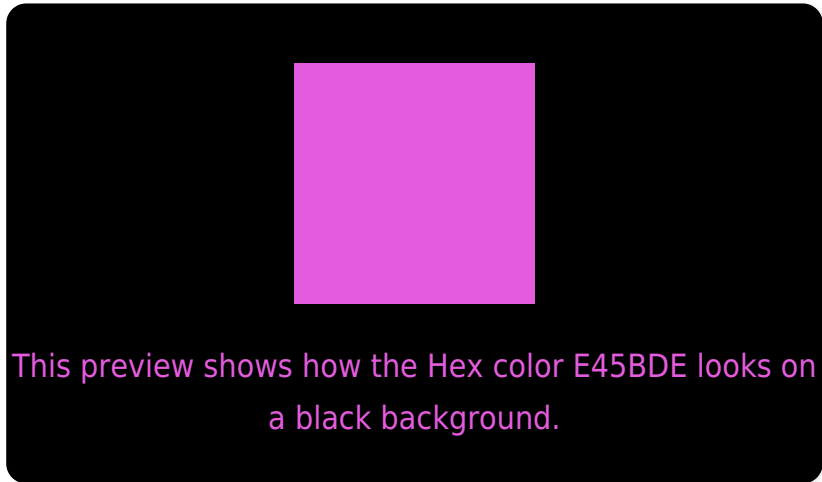
Large Text (above 18pt) WCAG AA ✓ Pass

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

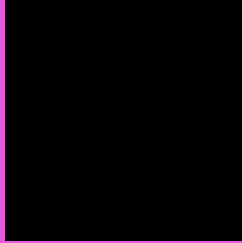
Any Text WCAG AA ✓ Pass

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 E45BDE Background



This preview shows how black text looks on a background with the Hex color E45BDE.

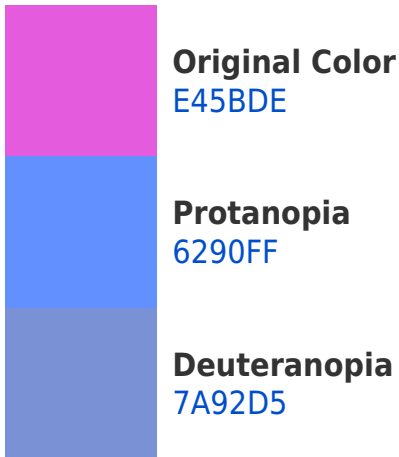


This preview shows how white text looks on a background with the Hex color E45BDE.

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](#).

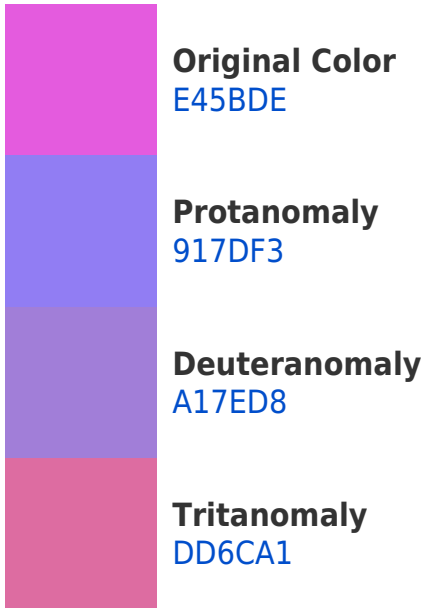
Dichromacy





Tritanopia
D9767E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E45BDE 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 #E45BDE looks like.

```
.text, #text, p{  
    color:#E45BDE  
}
```

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 #E45BDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E45BDE
}
```

Border

The CSS property to change the border of an element to Hex E45BDE 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
#E45BDE }
```

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

```
.border{ border-color:#E45BDE }
```

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

Here you see how a box with a 4 pixel #E45BDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E45BDE; -webkit-box-shadow:4px 4px  
4px 4px #E45BDE; box-shadow:4px 4px 4px  
4px #E45BDE }
```

Background

The CSS property to change the background color of an element to Hex E45BDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E45BDE }
```

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

```
.background{ background-color:#E45BDE }
```

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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