

# Converting Colors

Hex(E445DC)

Have a look what the booklet for  
Hex(E445DC) contains.

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# Color

Hex(E445DC)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | E445DC                     |
| RGB         | 228, 69, 220               |
| RGB Percent | 89%, 27%, 86%              |
| CMY         | 0.1059, 0.7294, 0.1373     |
| CMYK        | 0.00, 0.70, 0.04, 0.11     |
| HSL         | 303°, 75%, 58%             |
| HSV         | 303°, 70%, 89%             |
| XYZ         | 47.0413, 25.9175, 70.2334  |
| YIQ         | 133.7550, 46.2930, 80.6690 |

# Conversions

## Conversions Part 2

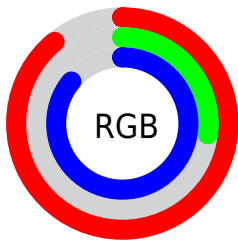
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 228, 69, 220                  |
| Decimal                             | 14960092                      |
| CIE Lab                             | 57.96, 76.72, -45.29          |
| CIE LCh                             | 58, 89.088, 329.444           |
| Yxy                                 | 25.9175, 0.3285,<br>0.1810    |
| Android<br>(android.graphics.Color) | 4293150172<br>(0xFFE445DC)    |
| YUV                                 | 133.7550, 42.5188,<br>82.6529 |
| Hunter-Lab                          | 50.9093, 75.8468,<br>-46.1588 |

# Details

The Hex color **E445DC** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **45E44D**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF82FF**, and **A900A4** is the 20% darker color. If you saturate the color by 10%, you get **E42EDB**, and if you desaturate by 10%, it is **E45CDD**.

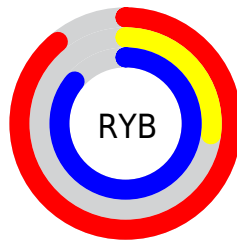
# Distribution



Red (89%)

Green (27%)

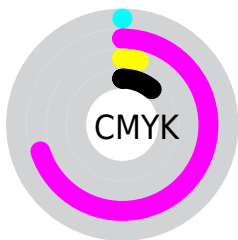
Blue (86%)



Red (89%)

Yellow (27%)

Blue (86%)

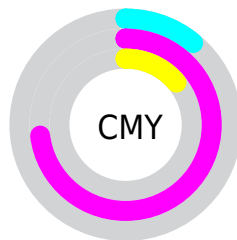


Cyan (0%)

Magenta (70%)

Yellow (4%)

Black (11%)



Cyan (11%)

Magenta (73%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E445DC 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 E445DC by changing the saturation by 10% instead.



 E445DC

 E445DC

FFFFFF

 C61EC0

 FF82FF

 A900A4

 FFA0FF

 8C008A

 FFBDFE

 6F0070

 FFDBFF

 530056

 FFF9FF

 39003F

 1A0027

 000110

 000000

 E445DC

 E445DC

 E42EDB

 E45CDD

 E417DA

 E473DE

 E401D9

 E489DF

 E400D9

 E4A0E1

 E4B7E2

 E4CEE3

 E4E5E4

 E4FBE5

 E4FFE6

# Harmonies

## Analogous

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



7977FF



E445DC



FF0090

# Triad

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



E445DC



AA8800



00ACD7

# Complementary

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



E445DC



45E44D

# 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.



00AB88



E445DC



5B9C00

# Square

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



E445DC



E56500



00A733



00A6FF

# Rectangle

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



E445DC



FF195D



00A733



00ACBD



# Sweetspot

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



E445DC



FFC9FC



4D45E4



80607E



000000



808080



# Same Dimension

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



E445DC



FF29F4



E4458D



736772



B300AA



330030



# Inverse Universe

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



E445DC



FF29F4



45E49C



736772



B300AA

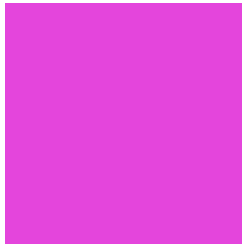


330030



# Previews

## White Background



This preview shows how the Hex color E445DC looks on a white background.

## Color Contrast Check

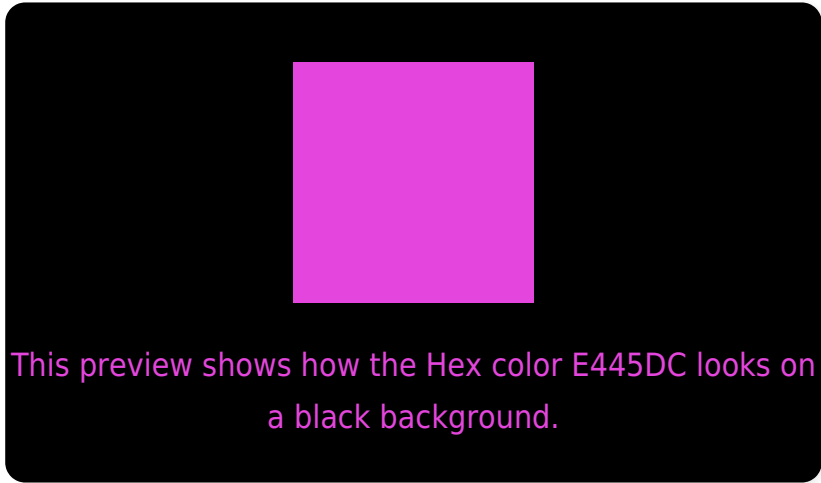
Large Text (above 18pt) WCAG AA ✓ Pass

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

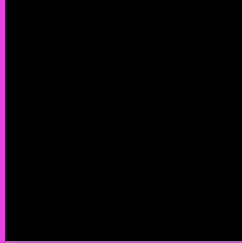
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E445DC Background



This preview shows how black text looks on a background with the Hex color E445DC.

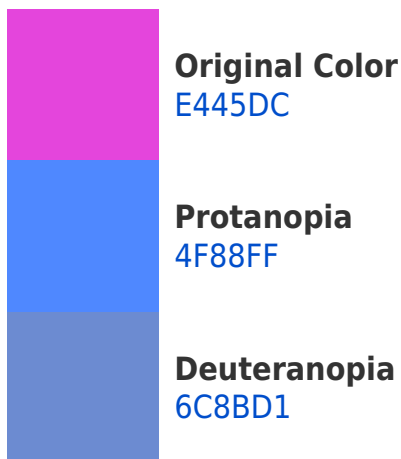


This preview shows how white text looks on a background with the Hex color E445DC.

# 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](#).

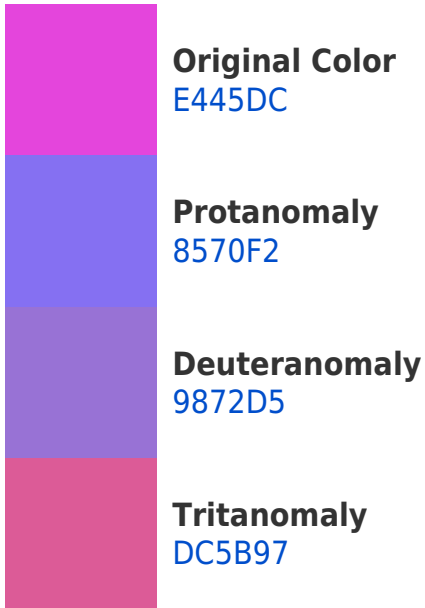
## Dichromacy



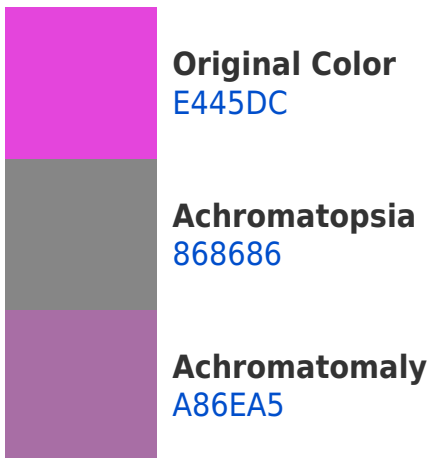


**Tritanopia**  
D86870

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E445DC 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 #E445DC looks like.

```
.text, #text, p{  
    color:#E445DC  
}
```

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 #E445DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E445DC
}
```

## Border

The CSS property to change the border of an element to Hex E445DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

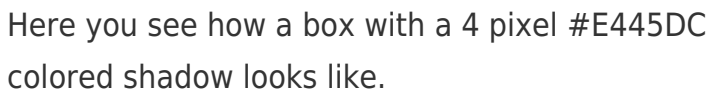
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E445DC }
```

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

```
.border{ border-color:#E445DC }
```

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



Here you see how a box with a 4 pixel #E445DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E445DC; -webkit-box-shadow:4px 4px  
4px 4px #E445DC; box-shadow:4px 4px 4px  
4px #E445DC }
```

# Background

The CSS property to change the background color of an element to Hex E445DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E445DC }
```

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

```
.background{ background-color:#E445DC }
```

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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