

Converting Colors

Hex(E480E5)

Have a look what the booklet for
Hex(E480E5) contains.

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Color

Hex(E480E5)

Conversions

Conversions Part 1

Format	Color
Hex	E480E5
RGB	228, 128, 229
RGB Percent	89%, 50%, 90%
CMY	0.1059, 0.4980, 0.1020
CMYK	0.00, 0.44, 0.00, 0.10
HSL	299°, 66%, 70%
HSV	299°, 44%, 90%
XYZ	53.8569, 37.5895, 78.5457
YIQ	169.4140, 27.1790, 52.6110

Conversions

Conversions Part 2

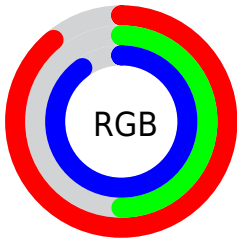
Format	Color
RYB	228, 128, 229
Decimal	14975205
CIELab	67.72, 52.90, -35.03
CIElCh	68, 63.448, 326.488
Yxy	37.5895, 0.3168, 0.2211
Android (android.graphics.Color)	4293165285 (0xFFE480E5)
YUV	169.4140, 29.3759, 51.3799
Hunter-Lab	61.3102, 49.5073, -33.0403

Details

The Hex color **E480E5** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **81E580**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFB7FF**, and **AB4AAD** is the 20% darker color. If you saturate the color by 10%, you get **E469E5**, and if you desaturate by 10%, it is **E497E5**.

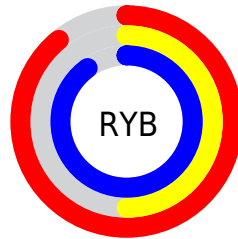
Distribution



Red (89%)

Green (50%)

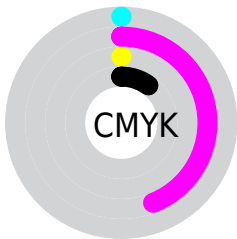
Blue (90%)



Red (89%)

Yellow (50%)

Blue (90%)

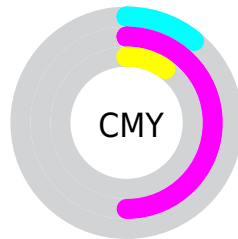


Cyan (0%)

Magenta (44%)

Yellow (0%)

Black (10%)



Cyan (11%)

Magenta (50%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color E480E5 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 E480E5 by changing the saturation by 10% instead.

 E480E5

 E480E5

FFFFFF

 C765C9

 FFB7FF

 AB4AAD

 FFD4FF

 8F2F92

 FFF1FF

 730E78

 59005F

 3F0047

 280030

 00011A

 000000

 E480E5

 E480E5

 E469E5

 E497E5

 E452E5

 E4AEE5

 E33BE5

 E5C5E5

 E324E5

 E5DCE5

 E30DE5

 E5F3E5

 E300E5

 E5FFE5

 E6FFE5

Harmonies

Analogous

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



9A99FF



E480E5



FF70AE

Triad

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



E480E5



C9A027



00C0D6

Complementary

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



E480E5



81E580

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.



00C09C



E480E5



91B135

Square

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



E480E5



F38A45



41BB63



00BAFF

Rectangle

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



E480E5



FF7188



41BB63



00C1C4

Sweetspot

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



E480E5



FFDEFF



8082E5



7F6B80



000000



808080

Same Dimension

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



E480E5



FE78FF



E580B4



736773



B100B3



320033

Inverse Universe

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



E58081



FF7879



80E5B1



736767



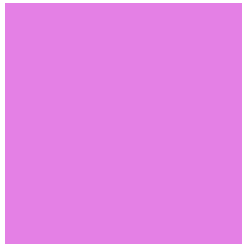
B30002



330001

Previews

White Background



This preview shows how the Hex color E480E5 looks on a white background.

Color Contrast Check

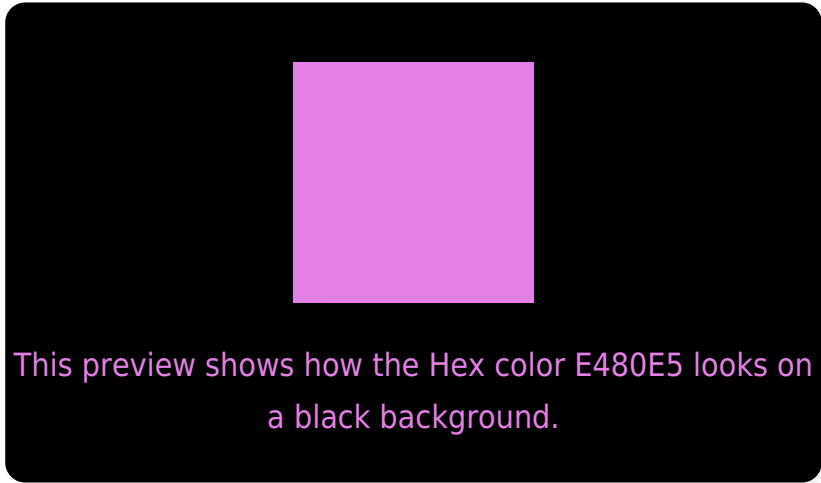
Large Text (above 18pt) WCAG AA × Fail

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

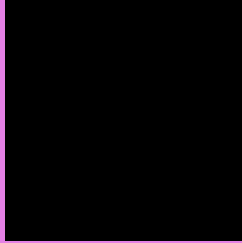
Any Text WCAG AA ✓ Pass

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 E480E5 Background



This preview shows how black text looks on a background with the Hex color E480E5.

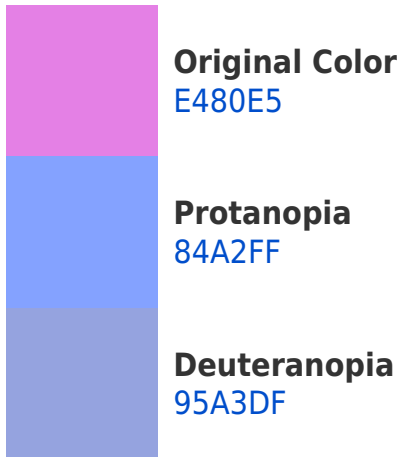


This preview shows how white text looks on a background with the Hex color E480E5.

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
DB919B

Trichromacy



Original Color
E480E5



Protanomaly
A796F6



Deuteranomaly
B296E1



Tritanomaly
DE8BB6

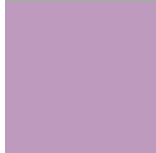
Monochromacy



Original Color
E480E5



Achromatopsia
A9A9A9



Achromatomaly
BE9ABF

CSS Examples

Text

The CSS property to change the color of the text to Hex E480E5 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 #E480E5 looks like.

```
.text, #text, p{  
    color:#E480E5  
}
```

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 #E480E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E480E5
}
```

Border

The CSS property to change the border of an element to Hex E480E5 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
#E480E5 }
```

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

```
.border{ border-color:#E480E5 }
```

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

Here you see how a box with a 4 pixel #E480E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E480E5; -webkit-box-shadow:4px 4px  
4px 4px #E480E5; box-shadow:4px 4px 4px  
4px #E480E5 }
```

Background

The CSS property to change the background color of an element to Hex E480E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E480E5 }
```

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

```
.background{ background-color:#E480E5 }
```

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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