

Converting Colors

Hex(E474E7)

Have a look what the booklet for
Hex(E474E7) contains.

Hex(E474E7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E474E7)

Conversions

Conversions Part 1

Format	Color
Hex	E474E7
RGB	228, 116, 231
RGB Percent	89%, 45%, 91%
CMY	0.1059, 0.5451, 0.0941
CMYK	0.01, 0.50, 0.00, 0.09
HSL	298°, 71%, 68%
HSV	298°, 50%, 91%
XYZ	52.6641, 34.7543, 79.5338
YIQ	162.5980, 29.8370, 59.5090

Conversions

Conversions Part 2

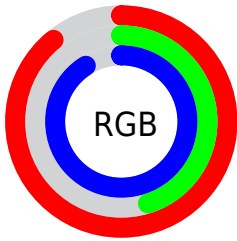
Format	Color
R _Y B	228, 116, 231
Decimal	14972135
CIE Lab	65.56, 59.13, -39.50
CIE LCh	66, 71.115, 326.255
Yxy	34.7543, 0.3154, 0.2082
Android (android.graphics.Color)	4293162215 (0xFFE474E7)
YUV	162.5980, 33.7222, 57.3576
Hunter-Lab	58.9528, 56.2916, -38.7219

Details

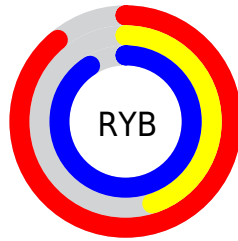
The Hex color **E474E7** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **77E774**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFACFF**, and **AA3DAF** is the 20% darker color. If you saturate the color by 10%, you get **E35DE7**, and if you desaturate by 10%, it is **E58BE7**.

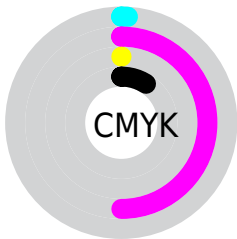
Distribution



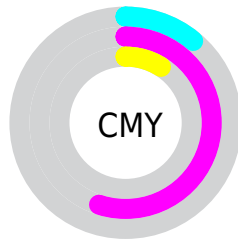
- Red (89%)
- Green (45%)
- Blue (91%)



- Red (89%)
- Yellow (45%)
- Blue (91%)



- Cyan (1%)
- Magenta (50%)
- Yellow (0%)
- Black (9%)



- Cyan (11%)
- Magenta (55%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color E474E7 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 E474E7 by changing the saturation by 10% instead.

 E474E7

 E474E7

FFFFFF

 C759CB

 FFACFF

 AA3DAF

 FFC8FF

 8E1D94

 FFE5FF

 72007A

 570060

 3D0048

 240031

 00011B

 000000

 E474E7

 E474E7

 E35DE7

 E58BE7

 E346E7

 E5A2E7

 E22FE7

 E6B9E7

 E218E7

 E6D0E7

 E100E7

 E7E7E7

 E8FFE7

 E9FFE7

Harmonies

Analogous

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



8E92FF



E474E7



FF5FAA

Triad

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



E474E7



C59A00



00BCD6

Complementary

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



E474E7



77E774

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.



00BC95



E474E7



87AC16

Square

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



E474E7



F48032



1CB754



00B7FF

Rectangle

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



E474E7



FF607F



1CB754



00BDC1

Sweetspot

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



E474E7



FED9FF



7478E7



7F6980



000000



808080

Same Dimension

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



E474E7



FB66FF



E774B1



726773



AE00B3



320033

Inverse Universe

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



E77477



FF666A



74E7AA



736768



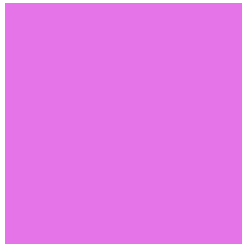
B30005



330001

Previews

White Background



This preview shows how the Hex color E474E7 looks on a white background.

Color Contrast Check

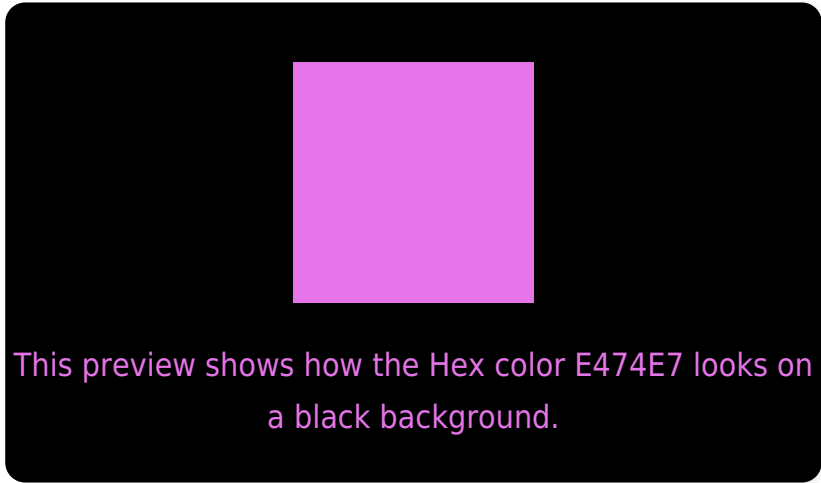
Large Text (above 18pt) WCAG AA × Fail

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

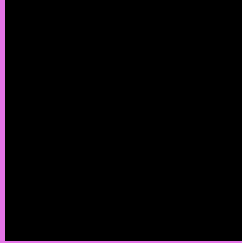
Any Text WCAG AA ✓ Pass

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 E474E7 Background



This preview shows how black text looks on a background with the Hex color E474E7.

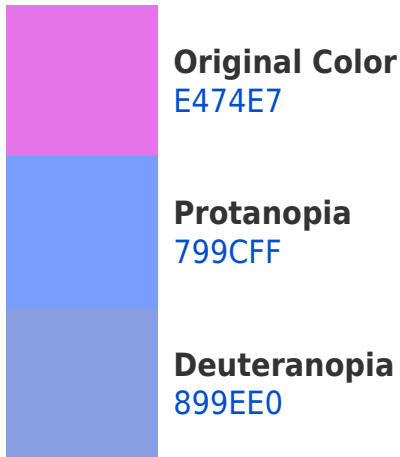


This preview shows how white text looks on a background with the Hex color E474E7.

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](#).

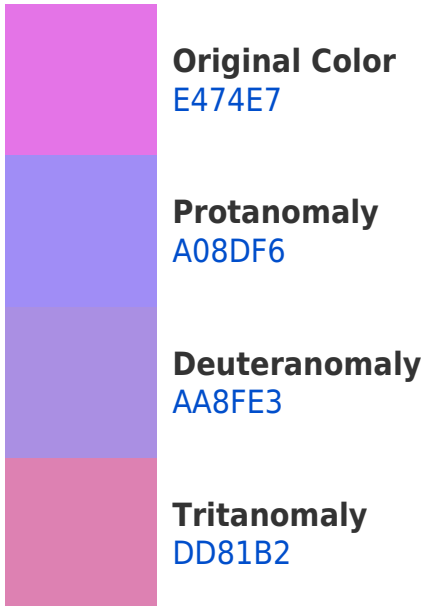
Dichromacy



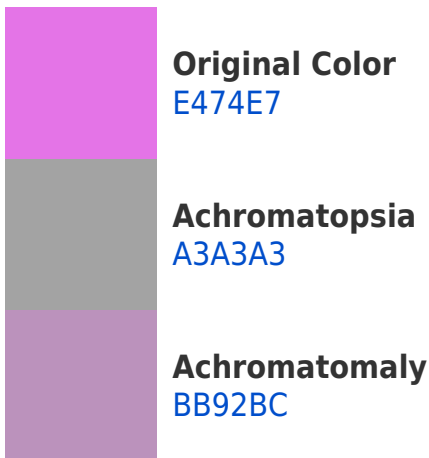


Tritanopia
D98893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E474E7 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 #E474E7 looks like.

```
.text, #text, p{  
    color:#E474E7  
}
```

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 #E474E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E474E7
}
```

Border

The CSS property to change the border of an element to Hex E474E7 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
#E474E7 }
```

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

```
.border{ border-color:#E474E7 }
```

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

Here you see how a box with a 4 pixel #E474E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E474E7; -webkit-box-shadow:4px 4px  
4px 4px #E474E7; box-shadow:4px 4px 4px  
4px #E474E7 }
```

Background

The CSS property to change the background color of an element to Hex E474E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E474E7 }
```

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

```
.background{ background-color:#E474E7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor