

# Converting Colors

Hex(E473DC)

Have a look what the booklet for  
Hex(E473DC) contains.

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# **Color**

**Hex(E473DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E473DC
RGB	228, 115, 220
RGB Percent	89%, 45%, 86%
CMY	0.1059, 0.5490, 0.1373
CMYK	0.00, 0.50, 0.04, 0.11
HSL	304°, 68%, 67%
HSV	304°, 50%, 89%
XYZ	51.0439, 33.9228, 71.5676
YIQ	160.7570, 33.6430, 56.6110

# Conversions

## Conversions Part 2

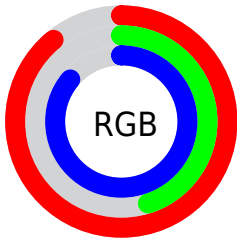
Format	Color
R <sub>YB</sub>	228, 115, 220
Decimal	14971868
CIE <sub>Lab</sub>	64.90, 57.70, -34.41
CIE <sub>LCh</sub>	65, 67.185, 329.193
Yxy	33.9228, 0.3261, 0.2167
Android (android.graphics.Color)	4293161948 (0xFFE473DC)
YUV	160.7570, 29.2068, 58.9721
Hunter-Lab	58.2432, 54.5103, -32.0835

# Details

The Hex color **E473DC** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **73E47B**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFABFF**, and **AA3CA5** is the 20% darker color. If you saturate the color by 10%, you get **E45CDA**, and if you desaturate by 10%, it is **E48ADE**.

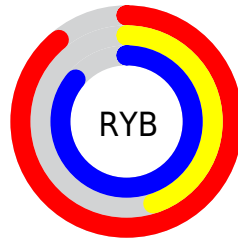
# Distribution



Red (89%)

Green (45%)

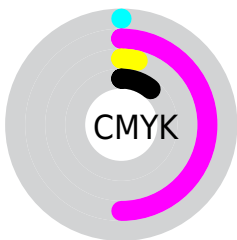
Blue (86%)



Red (89%)

Yellow (45%)

Blue (86%)

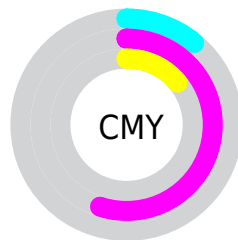


Cyan (0%)

Magenta (50%)

Yellow (4%)

Black (11%)



Cyan (11%)

Magenta (55%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E473DC 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 E473DC by changing the saturation by 10% instead.



 E473DC

 E473DC

FFFFFF

 C758C0

 FFABFF

 AA3CA5

 FFC7FF

 8E1D8A

 FFE4FF

 730070

 580057

 3E0040

 240029

 000112

 000000

 E473DC

 E473DC

 E45CDA

 E48ADE

 E445D9

 E4A1DF

 E42FD7

 E4B7E1

 E418D6

 E4CEE2

 E401D4

 E4E5E4

 E400D4

 E4FCE6

 E4FFE7

 E4FFE9

 E4FFEB

# Harmonies

## Analogous

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



998EFF



E473DC



FF62A2

# Triad

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



E473DC



BD9A0B



00B9D7

# Complementary

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



E473DC



73E47B

# 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.



00B99A



E473DC



81AB27

# Square

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



E473DC



EB8333



14B55C



00B3FF

# Rectangle

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



E473DC



FF657A



14B55C



00BAC3



# Sweetspot

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



E473DC



FFD9FC



7B73E4



80697E



000000



808080



# Same Dimension

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



E473DC



FF69F4



E473A4



736772



B300A6



33002F



# Inverse Universe

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



E473DC



FF69F4



73E4B3



736772



B300A6



33002F



# Previews

## White Background



This preview shows how the Hex color E473DC 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 E473DC Background



This preview shows how black text looks on a background with the Hex color E473DC.

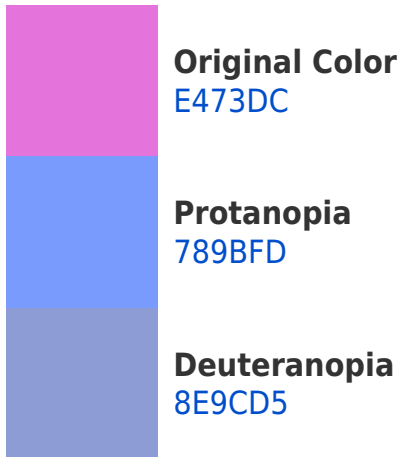


This preview shows how white text looks on a background with the Hex color E473DC.

# 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](#).

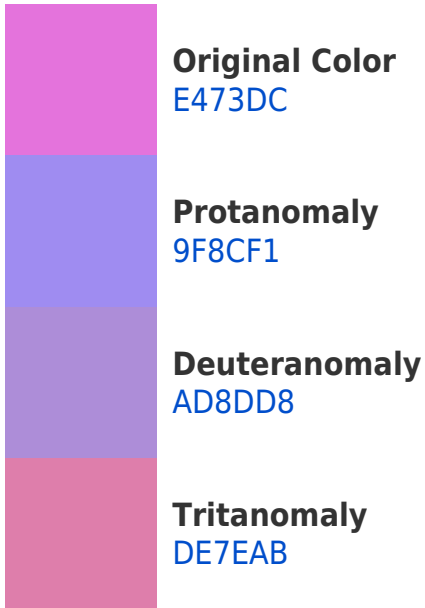
## Dichromacy





**Tritanopia**  
DB858F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E473DC 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 #E473DC looks like.

```
.text, #text, p{  
    color:#E473DC  
}
```

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 #E473DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E473DC
}
```

## Border

The CSS property to change the border of an element to Hex E473DC 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
#E473DC }
```

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

```
.border{ border-color:#E473DC }
```

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

Here you see how a box with a 4 pixel #E473DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E473DC; -webkit-box-shadow:4px 4px  
4px 4px #E473DC; box-shadow:4px 4px 4px  
4px #E473DC }
```

# Background

The CSS property to change the background color of an element to Hex E473DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E473DC }
```

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

```
.background{ background-color:#E473DC }
```

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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