

# Converting Colors

Hex(E493CD)

Have a look what the booklet for  
Hex(E493CD) contains.

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# **Color**

**Hex(E493CD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E493CD
RGB	228, 147, 205
RGB Percent	89%, 58%, 80%
CMY	0.1059, 0.4235, 0.1961
CMYK	0.00, 0.36, 0.10, 0.11
HSL	317°, 60%, 74%
HSV	317°, 36%, 89%
XYZ	53.4481, 41.7692, 63.0028
YIQ	177.8310, 29.6580, 35.2100

# Conversions

## Conversions Part 2

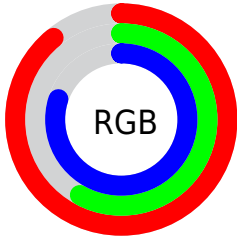
Format	Color
R <sub>Y</sub> B	228, 147, 205
Decimal	14980045
CIE Lab	70.71, 38.94, -17.16
CIE LCh	71, 42.555, 336.224
Yxy	41.7692, 0.3378, 0.2640
Android (android.graphics.Color)	4293170125 (0xFFE493CD)
YUV	177.8310, 13.3943, 43.9982
Hunter-Lab	64.6291, 34.5181, -12.5577

# Details

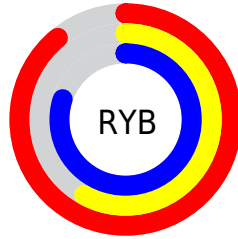
The Hex color **E493CD** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93E4AA**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFCAFF**, and **AB5F97** is the 20% darker color. If you saturate the color by 10%, you get **E47CC7**, and if you desaturate by 10%, it is **E4AAD3**.

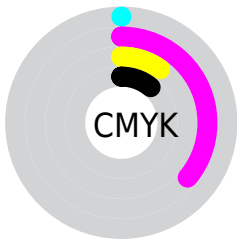
# Distribution



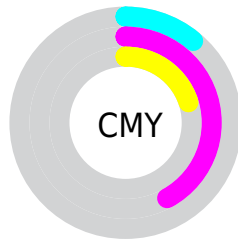
- Red (89%)
- Green (58%)
- Blue (80%)



- Red (89%)
- Yellow (58%)
- Blue (80%)



- Cyan (0%)
- Magenta (36%)
- Yellow (10%)
- Black (11%)



- Cyan (11%)
- Magenta (42%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E493CD 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 E493CD by changing the saturation by 10% instead.



 E493CD

 E493CD

FFFFFF

 C778B1

 FFCAFF

 AB5F97

 FFE7FF

 90457D

 752C64

 5B124C

 420035

 2D0020

 000003

 000000

 E493CD

 E493CD

 E47CC7

 E4AAD3

 E465C0

 E4C1DA

 E44FBA

 E4D7E0

 E438B3

 E4EEE7

 E421AD

 E4FFED

 E40AA6

 E4FFF4

 E400A3

 E4FFFA

 E4FFFF

# Harmonies

## Analogous

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



BCA0EC



E493CD



F78EA6

# Triad

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



E493CD



BEAD5F



00C0DA

# Complementary

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



E493CD



93E4AA

# 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.



14C1B4



E493CD



94B86D

# Square

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



E493CD



DFA067



63BF8C



28B9F3

# Rectangle

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



E493CD



F7918D



63BF8C



00C1CE



# Sweetspot

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



E493CD



FFE3F7



AA93E4



806F7B



000000



808080



# Same Dimension

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



E493CD



FF91E0



E493A5



73676F



B30080



330025



# Inverse Universe

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



E493CD



FF91E0



93E4D2



73676F



B30080

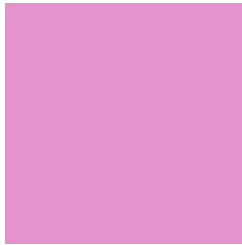


330025



# Previews

## White Background



This preview shows how the Hex color E493CD looks on a white background.

## Color Contrast Check

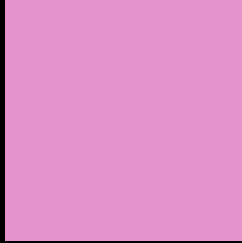
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color E493CD looks on a 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 E493CD Background



This preview shows how black text looks on a background with the Hex color E493CD.

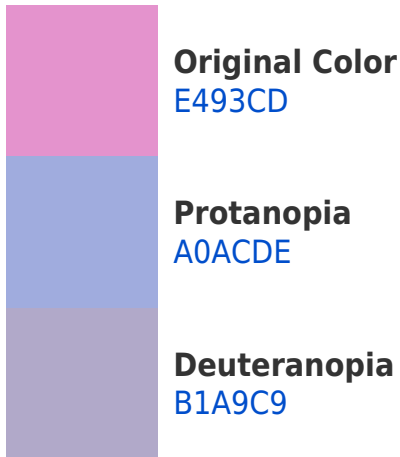


This preview shows how white text looks on a background with the Hex color E493CD.

# 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**  
DF9AA6

# Trichromacy



**Original Color**  
E493CD



**Protanomaly**  
B9A3D8



**Deuteranomaly**  
C4A1CA

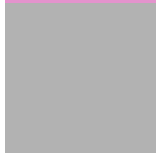


**Tritanomaly**  
E197B4

# Monochromacy



**Original Color**  
E493CD



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
C4A7BC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E493CD 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 #E493CD looks like.

```
.text, #text, p{  
    color:#E493CD  
}
```

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 #E493CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E493CD
}
```

## Border

The CSS property to change the border of an element to Hex E493CD 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
#E493CD }
```

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

```
.border{ border-color:#E493CD }
```

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

Here you see how a box with a 4 pixel #E493CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E493CD; -webkit-box-shadow:4px 4px  
4px 4px #E493CD; box-shadow:4px 4px 4px  
4px #E493CD }
```

# Background

The CSS property to change the background color of an element to Hex E493CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E493CD }
```

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

```
.background{ background-color:#E493CD }
```

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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