

# Converting Colors

Hex(E193DC)

Have a look what the booklet for  
Hex(E193DC) contains.

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# **Color**

**Hex(E193DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E193DC
RGB	225, 147, 220
RGB Percent	88%, 58%, 86%
CMY	0.1176, 0.4235, 0.1373
CMYK	0.00, 0.35, 0.02, 0.12
HSL	304°, 57%, 73%
HSV	304°, 35%, 88%
XYZ	54.4033, 42.0423, 72.9578
YIQ	178.6440, 23.0550, 39.2390

# Conversions

## Conversions Part 2

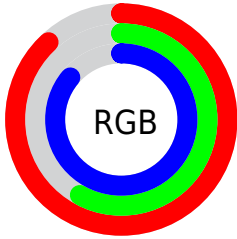
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 147, 220
Decimal	14783452
CIE <sub>Lab</sub>	70.90, 40.57, -25.18
CIE <sub>LCh</sub>	71, 47.755, 328.173
Yxy	42.0423, 0.3211, 0.2482
Android (android.graphics.Color)	4292973532 (0xFFE193DC)
YUV	178.6440, 20.3885, 40.6542
Hunter-Lab	64.8400, 36.2984, -21.3249

# Details

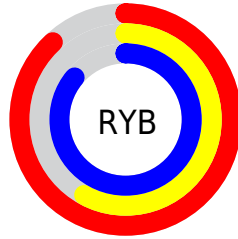
The Hex color **E193DC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **93E198**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFCAFF**, and **A85FA5** is the 20% darker color. If you saturate the color by 10%, you get **E17CDB**, and if you desaturate by 10%, it is **E1AADD**.

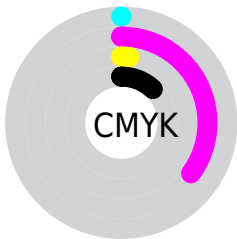
# Distribution



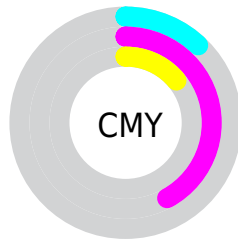
- Red (88%)
- Green (58%)
- Blue (86%)



- Red (88%)
- Yellow (58%)
- Blue (86%)



- Cyan (0%)
- Magenta (35%)
- Yellow (2%)
- Black (12%)



- Cyan (12%)
- Magenta (42%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E193DC 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 E193DC by changing the saturation by 10% instead.



 E193DC

FFFFFF

 FFCAFF

 FFE7FF

 E193DC

 C478C0

 A85FA5

 8D458A

 732C71

 591158

 3F0040

 2A002A

 000014

 000000

 E193DC

 E193DC

 E17CDB

 E1AADD

 E166D9

 E1C0DF

 E14FD8

 E1D6E0

 E139D6

 E1EDE2

 E123D5

 E1FFE3

 E10CD3

 E1FFE5

 E100D3

 E1FFE6

 E1FFE8

 E1FFE9

# Harmonies

## Analogous

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



ADA3FA



E193DC



FC8AB2

# Triad

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



E193DC



CAA55



00C3D5

# Complementary

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



E193DC



93E198

# 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.



00C4A9



E193DC



9EB75E

# Square

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



E193DC



EC9A65



69C07E



00BEF6

# Rectangle

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



E193DC



FF8B95



69C07E



00C4C7



# Sweetspot

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



E193DC



FFE6FD



9793E1



80707F



000000



808080



# Same Dimension

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



E193DC



FF94F8



E193B6



70656F



B000A5



30002D



# Inverse Universe

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



E193DC



FF94F8



93E1BE



70656F



B000A5

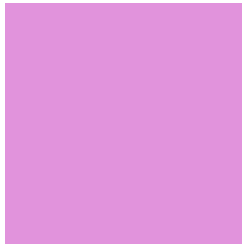


30002D



# Previews

## White Background



This preview shows how the Hex color E193DC 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

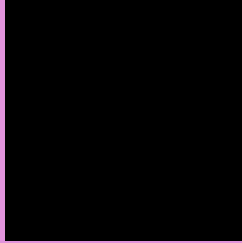
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E193DC Background



This preview shows how black text looks on a background with the Hex color E193DC.

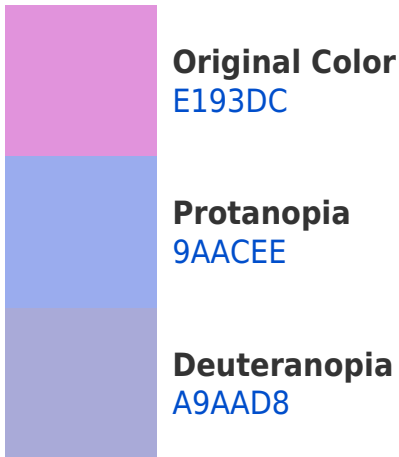


This preview shows how white text looks on a background with the Hex color E193DC.

# 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**  
DA9DA9

# Trichromacy



**Original Color**  
E193DC



**Protanomaly**  
B4A3E7



**Deuteranomaly**  
BDA2D9

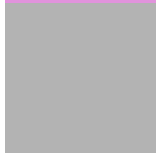


**Tritanomaly**  
DD99BC

# Monochromacy



**Original Color**  
E193DC



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
C4A7C2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E193DC 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 #E193DC looks like.

```
.text, #text, p{  
    color:#E193DC  
}
```

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 #E193DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E193DC
}
```

## Border

The CSS property to change the border of an element to Hex E193DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

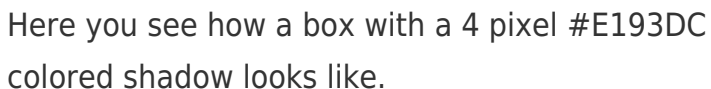
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E193DC }
```

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

```
.border{ border-color:#E193DC }
```

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



Here you see how a box with a 4 pixel #E193DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E193DC; -webkit-box-shadow:4px 4px  
4px 4px #E193DC; box-shadow:4px 4px 4px  
4px #E193DC }
```

# Background

The CSS property to change the background color of an element to Hex E193DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E193DC }
```

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

```
.background{ background-color:#E193DC }
```

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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