

# Converting Colors

Hex(E899DB)

Have a look what the booklet for  
Hex(E899DB) contains.

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# **Color**

**Hex(E899DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E899DB
RGB	232, 153, 219
RGB Percent	91%, 60%, 86%
CMY	0.0902, 0.4000, 0.1412
CMYK	0.00, 0.34, 0.06, 0.09
HSL	310°, 63%, 75%
HSV	310°, 34%, 91%
XYZ	57.4561, 45.0527, 72.6856
YIQ	184.1450, 25.8980, 37.2740

# Conversions

## Conversions Part 2

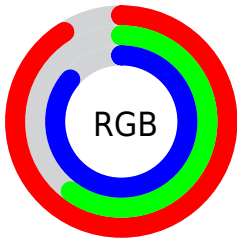
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 153, 219
Decimal	15243739
CIE <sub>Lab</sub>	72.93, 39.46, -21.47
CIE <sub>LCh</sub>	73, 44.927, 331.450
Yxy	45.0527, 0.3280, 0.2572
Android (android.graphics.Color)	4293433819 (0xFFE899DB)
YUV	184.1450, 17.1835, 41.9688
Hunter-Lab	67.1213, 35.3343, -17.2201

# Details

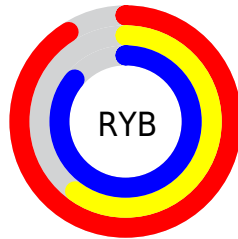
The Hex color **E899DB** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **99E8A6**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFD0FF**, and **AF64A4** is the 20% darker color. If you saturate the color by 10%, you get **E882D7**, and if you desaturate by 10%, it is **E8B0DF**.

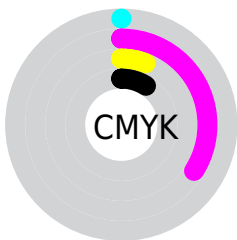
# Distribution



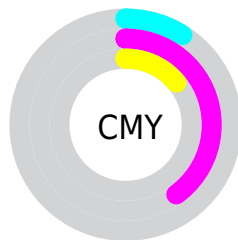
- Red (91%)
- Green (60%)
- Blue (86%)



- Red (91%)
- Yellow (60%)
- Blue (86%)



- Cyan (0%)
- Magenta (34%)
- Yellow (6%)
- Black (9%)



- Cyan (9%)
- Magenta (40%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E899DB 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 E899DB by changing the saturation by 10% instead.



 E899DB

 E899DB

FFFFFF

 CB7EBF

 FFD0FF

 AF64A4

 FFEDFF

 944B89

 793270

 5F1857

 460040

 2F002A

 0D0014

 000000

 E899DB

 E899DB

 E882D7

 E8B0DF

 E86BD3

 E8C7E3

 E853D0

 E8DFE6

 E83CCC

 E8F6EA

 E825C8

 E8FFEE

 E80EC4

 E8FFF2

 E800C2

 E8FFF6

 E8FFFA

 E8FFFD

# Harmonies

## Analogous

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



B9A8F9



E899DB



FF92B3

# Triad

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



E899DB



CBB15F



00C7DD

# Complementary

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



E899DB



99E8A6

# 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.



1DC8B4



E899DB



A0BD6B

# Square

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



E899DB



ECA36C



6DC58A



00C2FA

# Rectangle

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



E899DB



FF9397



6DC58A



00C8D0



# Sweetspot

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



E899DB



FFE6FB



A599E8



80707D



000000



808080



# Same Dimension

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



E899DB



FF96EE



E899B5



736771



B30095



33002B



# Inverse Universe

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



E899DB



FF96EE



99E8CC



736771



B30095



33002B



# Previews

## White Background



This preview shows how the Hex color E899DB looks on a white background.

## Color Contrast Check

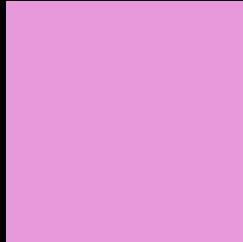
Large Text (above 18pt) WCAG AA × Fail

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 E899DB 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 E899DB Background



This preview shows how black text looks on a background with the Hex color E899DB.



This preview shows how white text looks on a background with the Hex color E899DB.

# 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**  
E2A2AE

# Trichromacy



**Original Color**  
E899DB



**Protanomaly**  
BCA8E6



**Deuteranomaly**  
C6A7D8



**Tritanomaly**  
E49FBE

# Monochromacy



**Original Color**  
E899DB



**Achromatopsia**  
B8B8B8



**Achromatomaly**  
C9ADC5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E899DB 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 #E899DB looks like.

```
.text, #text, p{  
    color:#E899DB  
}
```

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 #E899DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E899DB
}
```

## Border

The CSS property to change the border of an element to Hex E899DB 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
#E899DB }
```

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

```
.border{ border-color:#E899DB }
```

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

Here you see how a box with a 4 pixel #E899DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E899DB; -webkit-box-shadow:4px 4px  
4px 4px #E899DB; box-shadow:4px 4px 4px  
4px #E899DB }
```

# Background

The CSS property to change the background color of an element to Hex E899DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E899DB }
```

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

```
.background{ background-color:#E899DB }
```

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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