

# Converting Colors

Hex(E893D4)

Have a look what the booklet for  
Hex(E893D4) contains.

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# Color

**Hex(E893D4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E893D4
RGB	232, 147, 212
RGB Percent	91%, 58%, 83%
CMY	0.0902, 0.4235, 0.1686
CMYK	0.00, 0.37, 0.09, 0.09
HSL	314°, 65%, 74%
HSV	314°, 37%, 91%
XYZ	55.5961, 42.7767, 67.6139
YIQ	179.8250, 29.7950, 38.2350

# Conversions

## Conversions Part 2

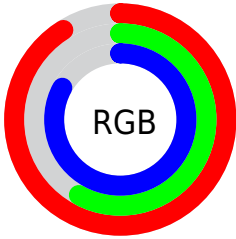
Format	Color
R <sub>Y</sub> B	232, 147, 212
Decimal	15242196
CIE Lab	71.40, 41.42, -19.93
CIE LCh	71, 45.966, 334.298
Yxy	42.7767, 0.3349, 0.2577
Android (android.graphics.Color)	4293432276 (0xFFE893D4)
YUV	179.8250, 15.8623, 45.7575
Hunter-Lab	65.4039, 37.2757, -15.5106

# Details

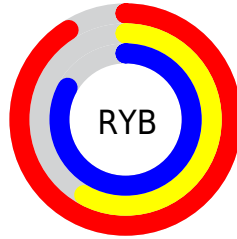
The Hex color **E893D4** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93E8A7**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFCAFF**, and **AF5E9D** is the 20% darker color. If you saturate the color by 10%, you get **E87CCF**, and if you desaturate by 10%, it is **E8AAD9**.

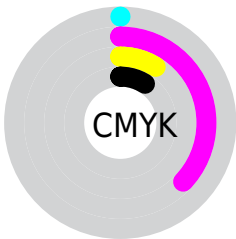
# Distribution



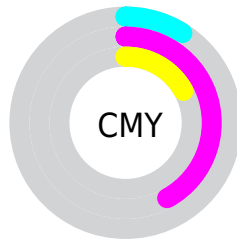
- Red (91%)
- Green (58%)
- Blue (83%)



- Red (91%)
- Yellow (58%)
- Blue (83%)



- Cyan (0%)
- Magenta (37%)
- Yellow (9%)
- Black (9%)



- Cyan (9%)
- Magenta (42%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E893D4 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 E893D4 by changing the saturation by 10% instead.



 E893D4

 E893D4

FFFFFF

 CB78B8

 FFCAFF

 AF5E9D

 FFE7FF

 934583

 782B6A

 5E1051

 45003A

 2F0025

 06000C

 000000

 E893D4

 E893D4

 E87CCF

 E8AAD9

 E865C9

 E8C1DF

 E84DC4

 E8D9E4

 E836BE

 E8F0EA

 E81FB9

 E8FFEF

 E808B3

 E8FFF5

 E800B1

 E8FFFA

 E8FFFF

# Harmonies

## Analogous

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



BBA2F4



E893D4



FD8DAA

# Triad

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



E893D4



C3AE59



00C3DD

# Complementary

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



E893D4



93E8A7

# 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.



00C5B4



E893D4



97BA68

# Square

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



E893D4



E6A064



61C289



00BDFA

# Rectangle

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



E893D4



FE8F8F



61C289



00C4D0

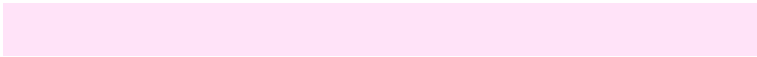


# Sweetspot

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



E893D4



FFE3F8



A793E8



806F7C



000000



808080



# Same Dimension

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



E893D4



FF8FE5



E893AA



736770



B30088



330027



# Inverse Universe

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



E893D4



FF8FE5



93E8D1



736770



B30089

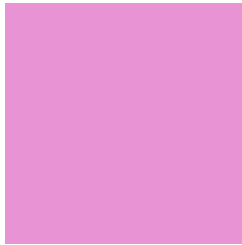


330027



# Previews

## White Background



This preview shows how the Hex color E893D4 looks on a white background.

## Color Contrast Check

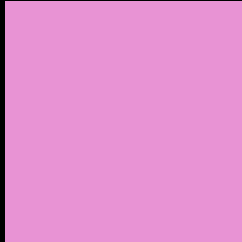
Large Text (above 18pt) WCAG AA × Fail

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 E893D4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

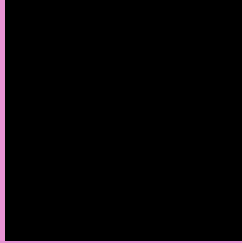
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E893D4 Background



This preview shows how black text looks on a background with the Hex color E893D4.



This preview shows how white text looks on a background with the Hex color E893D4.

# 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**  
E39CA8

# Trichromacy



**Original Color**  
E893D4



**Protanomaly**  
BAA4E0



**Deuteranomaly**  
C4A2D1

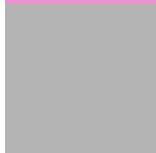


**Tritanomaly**  
E599B8

# Monochromacy



**Original Color**  
E893D4



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
C7A8C0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E893D4 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 #E893D4 looks like.

```
.text, #text, p{  
    color:#E893D4  
}
```

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 #E893D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E893D4
}
```

## Border

The CSS property to change the border of an element to Hex E893D4 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
#E893D4 }
```

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

```
.border{ border-color:#E893D4 }
```

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

Here you see how a box with a 4 pixel #E893D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E893D4; -webkit-box-shadow:4px 4px  
4px 4px #E893D4; box-shadow:4px 4px 4px  
4px #E893D4 }
```

# Background

The CSS property to change the background color of an element to Hex E893D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E893D4 }
```

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

```
.background{ background-color:#E893D4 }
```

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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