

# Converting Colors

Hex(E896B6)

Have a look what the booklet for  
Hex(E896B6) contains.

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# **Color**

**Hex(E896B6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E896B6
RGB	232, 150, 182
RGB Percent	91%, 59%, 71%
CMY	0.0902, 0.4118, 0.2863
CMYK	0.00, 0.35, 0.22, 0.09
HSL	337°, 64%, 75%
HSV	337°, 35%, 91%
XYZ	52.6286, 42.3459, 49.6557
YIQ	178.1660, 38.6000, 27.3360

# Conversions

## Conversions Part 2

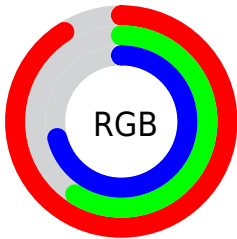
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 150, 182
Decimal	15242934
CIE Lab	71.11, 35.11, -3.76
CIE LCh	71, 35.312, 353.891
Yxy	42.3459, 0.3639, 0.2928
Android (android.graphics.Color)	4293433014 (0xFFE896B6)
YUV	178.1660, 1.8902, 47.2124
Hunter-Lab	65.0737, 30.4834, 0.3093

# Details

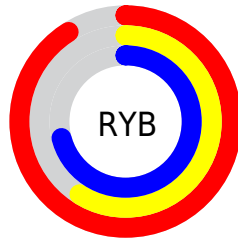
The Hex color **E896B6** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **96E8C8**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFCDEE**, and **AF6281** is the 20% darker color. If you saturate the color by 10%, you get **E87FA8**, and if you desaturate by 10%, it is **E8ADC4**.

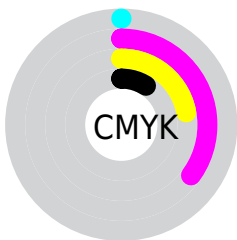
# Distribution



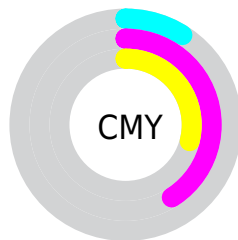
- Red (91%)
- Green (59%)
- Blue (71%)



- Red (91%)
- Yellow (59%)
- Blue (71%)



- Cyan (0%)
- Magenta (35%)
- Yellow (22%)
- Black (9%)



- Cyan (9%)
- Magenta (41%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E896B6 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 E896B6 by changing the saturation by 10% instead.



 E896B6

 E896B6

FFFFFF

 CB7B9B

 FFCDEE

 AF6281

 FFEAFF


 934968

 783050

 5E1739

 440024

 2F000E

 000000

 E896B6

 E896B6

 E87FA8

 E8ADC4

 E8689A

 E8C4D2

 E8508C

 E8DCE0

 E8397D

 E8F3EF

 E8226F

 E8FFFD

 E80B61

 E8FFFF

 E8005B

# Harmonies

## Analogous

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



D19DD4



E896B6



ED9796

# Triad

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



E896B6



A9B472



46BBE1

# Complementary

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



E896B6



96E8C8

# 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.



3ABFC7



E896B6



84BB87

# Square

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



E896B6



CAAA6E



5CBFA6



77B3ED

# Rectangle

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



E896B6



E79C83



5CBFA6



3BBDDA



# Sweetspot

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



E896B6



FFE3EE



C796E8



806F75



000000



808080



# Same Dimension

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



E896B6



FF94BE



E89E96



73676C



B30046



330014



# Inverse Universe

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



E896B6



FF94BE



96E0E8



73676C



B30046



330014



# Previews

## White Background



This preview shows how the Hex color E896B6 looks on a white background.

## Color Contrast Check

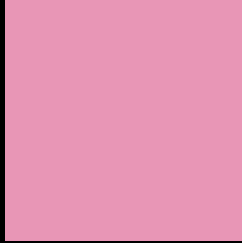
Large Text (above 18pt) WCAG AA × Fail

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 E896B6 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 E896B6 Background



This preview shows how black text looks on a background with the Hex color E896B6.

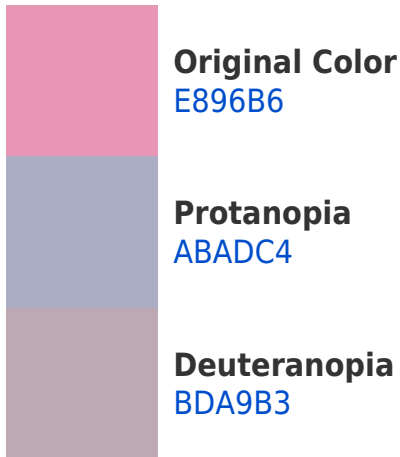


This preview shows how white text looks on a background with the Hex color E896B6.

# 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**  
E699A5

# Trichromacy



**Original Color**  
E896B6



**Protanomaly**  
C1A5BF



**Deuteranomaly**  
CDA2B4



**Tritanomaly**  
E798AB

# Monochromacy



**Original Color**  
E896B6



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
C6A8B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E896B6 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 #E896B6 looks like.

```
.text, #text, p{  
    color:#E896B6  
}
```

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 #E896B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E896B6
}
```

## Border

The CSS property to change the border of an element to Hex E896B6 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
#E896B6 }
```

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

```
.border{ border-color:#E896B6 }
```

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

Here you see how a box with a 4 pixel #E896B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E896B6; -webkit-box-shadow:4px 4px  
4px 4px #E896B6; box-shadow:4px 4px 4px  
4px #E896B6 }
```

# Background

The CSS property to change the background color of an element to Hex E896B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E896B6 }
```

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

```
.background{ background-color:#E896B6 }
```

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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