

# Converting Colors

Hex(E884BC)

Have a look what the booklet for  
Hex(E884BC) contains.

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# Color

**Hex(E884BC)**

# Conversions

Conversions Part 1	
Format	Color
Hex	E884BC
RGB	232, 132, 188
RGB Percent	91%, 52%, 74%
CMY	0.0902, 0.4824, 0.2627
CMYK	0.00, 0.43, 0.19, 0.09
HSL	326°, 68%, 71%
HSV	326°, 43%, 91%
XYZ	50.6071, 37.2892, 52.1072
YIQ	168.2840, 41.6240, 38.6160

# Conversions

## Conversions Part 2

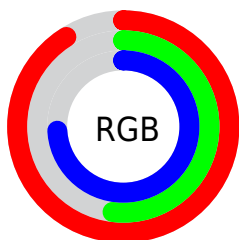
Format	Color
<a href="#">RYB</a>	<a href="#">232, 132, 188</a>
Decimal	<a href="#">15238332</a>
CIELab	<a href="#">67.49, 45.37, -12.48</a>
CIELCh	<a href="#">67, 47.055, 344.615</a>
Yxy	<a href="#">37.2892, 0.3615, 0.2663</a>
Android (android.graphics.Color)	<a href="#">4293428412</a> (0xFFE884BC)
YUV	<a href="#">168.2840, 9.7200, 55.8789</a>
Hunter-Lab	<a href="#">61.0649, 41.0671, -7.8473</a>

# Details

The Hex color **E884BC** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84E8B0**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFBBF4**, and **AE4F87** is the 20% darker color. If you saturate the color by 10%, you get **E86DB2**, and if you desaturate by 10%, it is **E89BC6**.

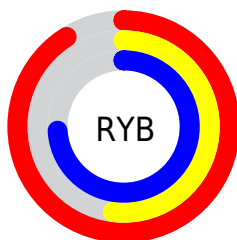
# Distribution



Red (91%)

Green (52%)

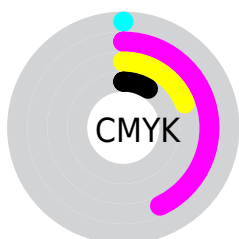
Blue (74%)



Red (91%)

Yellow (52%)

Blue (74%)

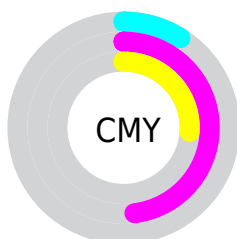


Cyan (0%)

Magenta (43%)

Yellow (19%)

Black (9%)



Cyan (9%)

Magenta (48%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E884BC 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 E884BC by changing the saturation by 10% instead.



 E884BC

FFFFFF

 FFBBF4

 FFD7FF

 FFF4FF

 E884BC

 CB69A1

 AE4F87

 92356D

 771955

 5C003E

 420028

 2B0013

 000000

 E884BC

 E884BC

 E86DB2

 E89BC6

 E856A8

 E8B2D0

 E83E9D

 E8CADB

 E82793

 E8E1E5

 E81089

 E8F8EF

 E80082

 E8FFF9

 E8FFFF

# Harmonies

## Analogous

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



C291E1



E884BC



F58291

# Triad

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



E884BC



AAA94F



00B7DF

# Complementary

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



E884BC



84E8B0

# 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.



00BAB8



E884BC



7AB366

# Square

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



E884BC



D09A52



38B98C



00AFF6

# Rectangle

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



E884BC



F18776



38B98C



00B9D3



# Sweetspot

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



E884BC



FFDEF0



AF84E8



806B77



000000



808080



# Same Dimension

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



E884BC



FF7AC5



E8848B



73676E



B30064



33001D



# Inverse Universe

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



E884BC



FF7AC5



84E8E1



73676E



B30064



33001D



# Previews

## White Background



This preview shows how the Hex color E884BC looks on a white background.

## Color Contrast Check

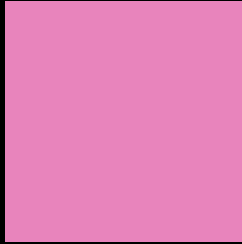
Large Text (above 18pt) WCAG AA × Fail

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 E884BC 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 E884BC Background



This preview shows how black text looks on a background with the Hex color E884BC.



This preview shows how white text looks on a background with the Hex color E884BC.

# 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](#).

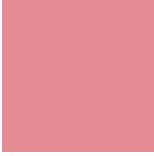
## Dichromacy



**Original Color**  
E884BC

**Protanopia**  
99A3D1

**Deuteranopia**  
ACA0B7



**Tritanopia**  
E48B96

# Trichromacy

	<b>Original Color</b> E884BC
	<b>Protanomaly</b> B698C9
	<b>Deuteranomaly</b> C296B9
	<b>Tritanomaly</b> E588A4

# Monochromacy

	<b>Original Color</b> E884BC
	<b>Achromatopsia</b> A8A8A8
	<b>Achromatomaly</b> BF9BAF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E884BC 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 #E884BC looks like.

```
.text, #text, p{  
    color:#E884BC  
}
```

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 #E884BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E884BC
}
```

## Border

The CSS property to change the border of an element to Hex E884BC 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
#E884BC }
```

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

```
.border{ border-color:#E884BC }
```

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

Here you see how a box with a 4 pixel #E884BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E884BC; -webkit-box-shadow:4px 4px  
4px 4px #E884BC; box-shadow:4px 4px 4px  
4px #E884BC }
```

# Background

The CSS property to change the background color of an element to Hex E884BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E884BC }
```

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

```
.background{ background-color:#E884BC }
```

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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