

# Converting Colors

Hex(E84ABB)

Have a look what the booklet for  
Hex(E84ABB) contains.

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# Color

Hex(E84ABB)

# Conversions

## Conversions Part 1

Format	Color
Hex	E84ABB
RGB	232, 74, 187
RGB Percent	91%, 29%, 73%
CMY	0.0902, 0.7098, 0.2667
CMYK	0.00, 0.68, 0.19, 0.09
HSL	317°, 77%, 60%
HSV	317°, 68%, 91%
XYZ	44.6971, 25.6412, 49.6072
YIQ	134.1240, 57.8950, 68.6390

# Conversions

## Conversions Part 2

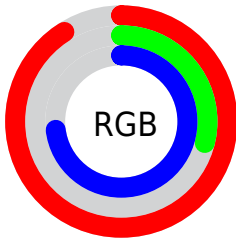
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">232, 74, 187</a>
Decimal	<a href="#">15223483</a>
CIELab	<a href="#">57.69, 71.17, -26.83</a>
CIElCh	<a href="#">58, 76.062, 339.341</a>
Yxy	<a href="#">25.6412, 0.3726, 0.2138</a>
Android (android.graphics.Color)	<a href="#">4293413563 (0xFFE84ABB)</a>
YUV	<a href="#">134.1240, 26.0679, 85.8373</a>
Hunter-Lab	<a href="#">50.6372, 68.9459, -22.6380</a>

# Details

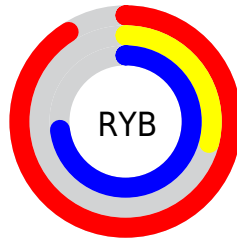
The Hex color **E84ABB** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **4AE877**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF86F3**, and **AC0085** is the 20% darker color. If you saturate the color by 10%, you get **E833B4**, and if you desaturate by 10%, it is **E861C2**.

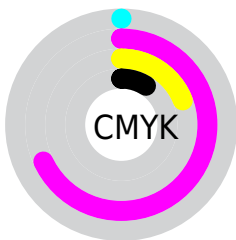
# Distribution



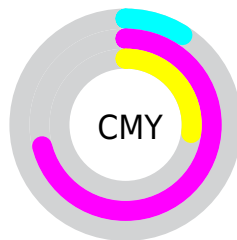
- Red (91%)
- Green (29%)
- Blue (73%)



- Red (91%)
- Yellow (29%)
- Blue (73%)



- Cyan (0%)
- Magenta (68%)
- Yellow (19%)
- Black (9%)



- Cyan (9%)
- Magenta (71%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E84ABB 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 E84ABB by changing the saturation by 10% instead.



 E84ABB

 E84ABB

FFFFFF

 CA27A0

 FF86F3

 AC0085

 FFA3FF

 8F006C

 FFC0FF

 730053

 FFDDFF

 56003C

 FFFBFF

 3C0026

 1D000E

 000000

 E84ABB

 E84ABB

 E833B4

 E861C2

 E81CAE

 E878C8

 E804A7

 E890CF

 E800A6

 E8A7D5

 E8BEDC

 E8D5E3

 E8ECE9

 E8FFF0

 E8FFF6

# Harmonies

## Analogous

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



A56EF3



E84ABB



FF3B79

# Triad

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



E84ABB



948E00



00A6DE

# Complementary

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



E84ABB



4AE877

# 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.



00A89E



E84ABB



499D06

# Square

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



E84ABB



CC7600



00A559



009EFF

# Rectangle

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



E84ABB



F94A4E



00A559



00A8CA



# Sweetspot

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



E84ABB



FFCCF0



774AE8



806177



000000



808080



# Same Dimension

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



E84ABB



FF2EC3



E84A6C



73676F



B30080



330024



# Inverse Universe

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



E84ABB



FF2EC3



4AE8C6



73676F



B30080



330024



# Previews

## White Background



This preview shows how the Hex color E84ABB looks on a white background.

## Color Contrast Check

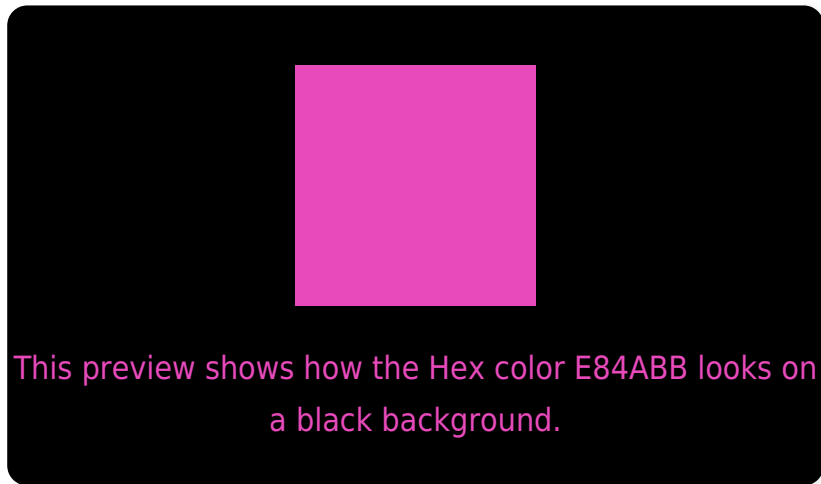
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex E84ABB Background



This preview shows how black text looks on a background with the Hex color E84ABB.

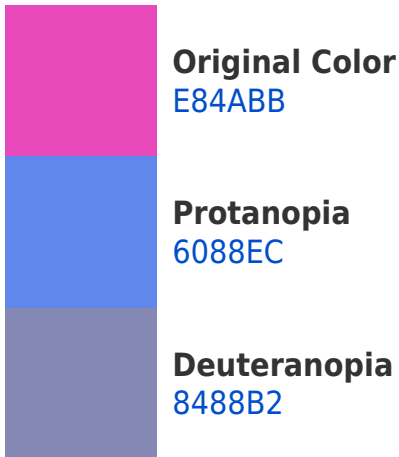


This preview shows how white text looks on a background with the Hex color E84ABB.

# 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**  
E06268

# Trichromacy



**Original Color**  
E84ABB



**Protanomaly**  
9171DA



**Deuteranomaly**  
A871B5



**Tritanomaly**  
E35986

# Monochromacy



**Original Color**  
E84ABB



**Achromatopsia**  
868686



**Achromatomaly**  
AA7099

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E84ABB 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 #E84ABB looks like.

```
.text, #text, p{  
  color:#E84ABB  
}
```

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 #E84ABB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E84ABB
}
```

## Border

The CSS property to change the border of an element to Hex E84ABB 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
#E84ABB }
```

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

```
.border{ border-color:#E84ABB }
```

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

Here you see how a box with a 4 pixel #E84ABB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E84ABB; -webkit-box-shadow:4px 4px  
4px 4px #E84ABB; box-shadow:4px 4px 4px  
4px #E84ABB }
```

# Background

The CSS property to change the background color of an element to Hex E84ABB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E84ABB }
```

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

```
.background{ background-color:#E84ABB }
```

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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