

Converting Colors

Hex(E84AB9)

Have a look what the booklet for
Hex(E84AB9) contains.

Hex(E84AB9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E84AB9)

Conversions

Conversions Part 1

Format	Color
Hex	E84AB9
RGB	232, 74, 185
RGB Percent	91%, 29%, 73%
CMY	0.0902, 0.7098, 0.2745
CMYK	0.00, 0.68, 0.20, 0.09
HSL	318°, 77%, 60%
HSV	318°, 68%, 91%
XYZ	44.4844, 25.5561, 48.4872
YIQ	133.8960, 58.5370, 68.0170

Conversions

Conversions Part 2

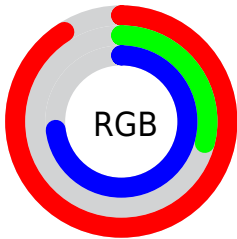
Format	Color
R _Y B	232, 74, 185
Decimal	15223481
CIE Lab	57.61, 70.91, -25.81
CIE LCh	58, 75.456, 339.999
Yxy	25.5561, 0.3753, 0.2156
Android (android.graphics.Color)	4293413561 (0xFFE84AB9)
YUV	133.8960, 25.1943, 86.0372
Hunter-Lab	50.5531, 68.6041, -21.4799

Details

The Hex color **E84AB9** 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 **4AE879**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF85F1**, and **AC0084** is the 20% darker color. If you saturate the color by 10%, you get **E833B2**, and if you desaturate by 10%, it is **E861C0**.

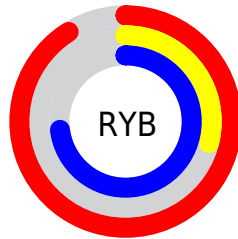
Distribution



Red (91%)

Green (29%)

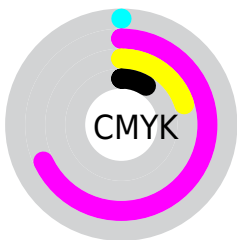
Blue (73%)



Red (91%)

Yellow (29%)

Blue (73%)

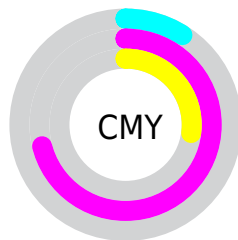


Cyan (0%)

Magenta (68%)

Yellow (20%)

Black (9%)



Cyan (9%)

Magenta (71%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color E84AB9 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 E84AB9 by changing the saturation by 10% instead.

 E84AB9

 E84AB9

FFFFFF

 CA279E

 FF85F1

 AC0084

 FFA3FF

 8F006A

 FFC0FF

 730052

 FFDDFF

 56003A

 FFFBFF

 3C0025

 1D000C

 000000

 E84AB9

 E84AB9

 E833B2

 E861C0

 E81CAB

 E878C7

 E804A4

 E890CE

 E800A3

 E8A7D5

 E8BEDC

 E8D5E2

 E8ECE9

 E8FFF0

 E8FFF7

Harmonies

Analogous

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



A76DF0



E84AB9



FE3C77

Triad

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



E84AB9



938F00



00A6DE

Complementary

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



E84AB9



4AE879

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.



00A89F



E84AB9



479D0C

Square

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



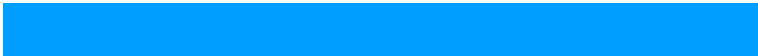
E84AB9



CA7600



00A55A



009EFF

Rectangle

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



E84AB9



F84B4D



00A55A



00A7CB

Sweetspot

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



E84AB9



FFCCF0



774AE8



806176



000000



808080

Same Dimension

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



E84AB9



FF2EC1



E84A6C



73676F



B3007D



330024

Inverse Universe

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



E84AB9



FF2EC1



4AE8C6



73676F



B3007D



330024

Previews

White Background



This preview shows how the Hex color E84AB9 looks on a white background.

Color Contrast Check

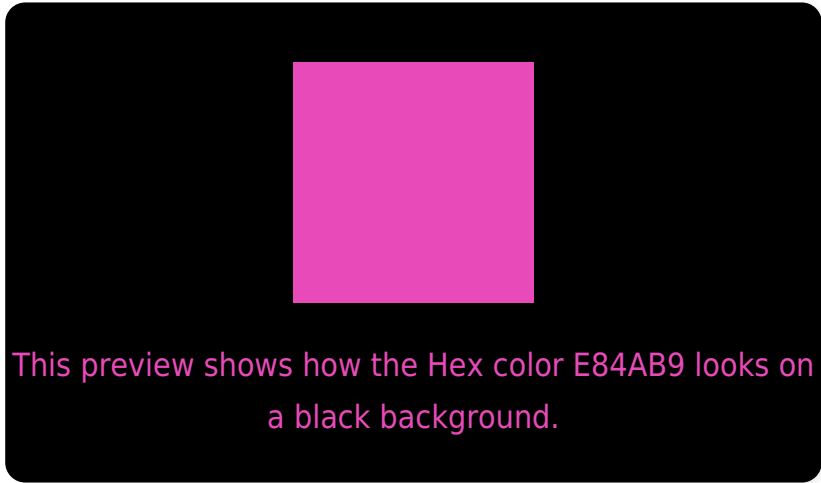
Large Text (above 18pt) WCAG AA ✓ Pass

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 E84AB9 Background



This preview shows how black text looks on a background with the Hex color E84AB9.



This preview shows how white text looks on a background with the Hex color E84AB9.

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
E16167

Trichromacy



Original Color
E84AB9



Protanomaly
9371D8



Deuteranomaly
A971B3



Tritanomaly
E45985

Monochromacy



Original Color
E84AB9



Achromatopsia
868686



Achromatomaly
AA7099

CSS Examples

Text

The CSS property to change the color of the text to Hex E84AB9 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 #E84AB9 looks like.

```
.text, #text, p{  
  color:#E84AB9  
}
```

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 #E84AB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E84AB9
}
```

Border

The CSS property to change the border of an element to Hex E84AB9 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
#E84AB9 }
```

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

```
.border{ border-color:#E84AB9 }
```

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

Here you see how a box with a 4 pixel #E84AB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E84AB9; -webkit-box-shadow:4px 4px  
4px 4px #E84AB9; box-shadow:4px 4px 4px  
4px #E84AB9 }
```

Background

The CSS property to change the background color of an element to Hex E84AB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E84AB9 }
```

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

```
.background{ background-color:#E84AB9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor