

Converting Colors

Hex(EB83D9)

Have a look what the booklet for
Hex(EB83D9) contains.

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Color

Hex(**EB83D9**)

Conversions

Conversions Part 1

Format	Color
Hex	EB83D9
RGB	235, 131, 217
RGB Percent	92%, 51%, 85%
CMY	0.0784, 0.4863, 0.1490
CMYK	0.00, 0.44, 0.08, 0.08
HSL	310°, 72%, 72%
HSV	310°, 44%, 92%
XYZ	54.9016, 38.9045, 70.2613
YIQ	171.9000, 34.3780, 48.7940

Conversions

Conversions Part 2

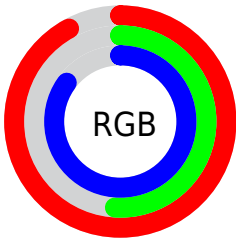
Format	Color
RYB	235, 131, 217
Decimal	15434713
CIELab	68.68, 51.40, -26.82
CIELCh	69, 57.978, 332.440
Yxy	38.9045, 0.3346, 0.2371
Android (android.graphics.Color)	4293624793 (0xFFEB83D9)
YUV	171.9000, 22.2343, 55.3387
Hunter-Lab	62.3735, 47.9635, -23.1265

Details

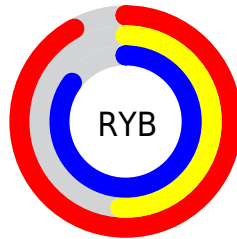
The Hex color **EB83D9** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **83EB95**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFBAFF**, and **B14DA2** is the 20% darker color. If you saturate the color by 10%, you get **EB6BD5**, and if you desaturate by 10%, it is **EB9ADD**.

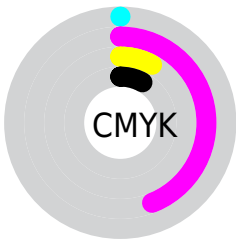
Distribution



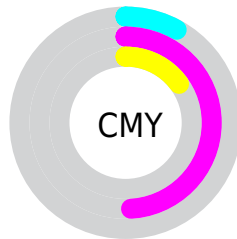
- Red (92%)
- Green (51%)
- Blue (85%)



- Red (92%)
- Yellow (51%)
- Blue (85%)



- Cyan (0%)
- Magenta (44%)
- Yellow (8%)
- Black (8%)



- Cyan (8%)
- Magenta (49%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB83D9 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 EB83D9 by changing the saturation by 10% instead.

 EB83D9

 EB83D9

FFFFFF

 CE68BD

 FFBAFF

 B14DA2

 FFD7FF

 953287

 FFF4FF

 7A136E

 5F0055

 45003E

 2E0028

 000011

 000000

 EB83D9

 EB83D9

 EB6BD5

 EB9ADD

 EB54D1

 EBB2E1

 EB3CCD

 EBCAE5

 EB25C9

 EBE1E9

 EB0EC5

 EBF9ED

 EB00C2

 EBFFF1

 EBFFF5

 EBFFFA

 EBFFFE

Harmonies

Analogous

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



AF98FF



EB83D9



FF78A5

Triad

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



EB83D9



C0A638



00CODE

Complementary

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



EB83D9



83EB95

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.



00C1AA



EB83D9



8BB54A

Square

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



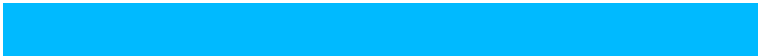
EB83D9



EB934A



3DBE75



00BAFF

Rectangle

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



EB83D9



FF7C83



3DBE75



00C1CE

Sweetspot

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



EB83D9



FFDEF9



9483EB



806B7C



000000



808080

Same Dimension

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



EB83D9



FF78E8



EB83A6



756A73



B50096



36002C

Inverse Universe

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



EB83D9



FF78E8



83EBC8



756A73



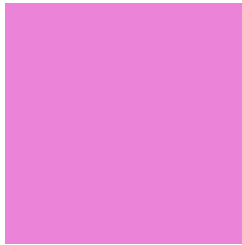
B50096



36002C

Previews

White Background



This preview shows how the Hex color EB83D9 looks on a white background.

Color Contrast Check

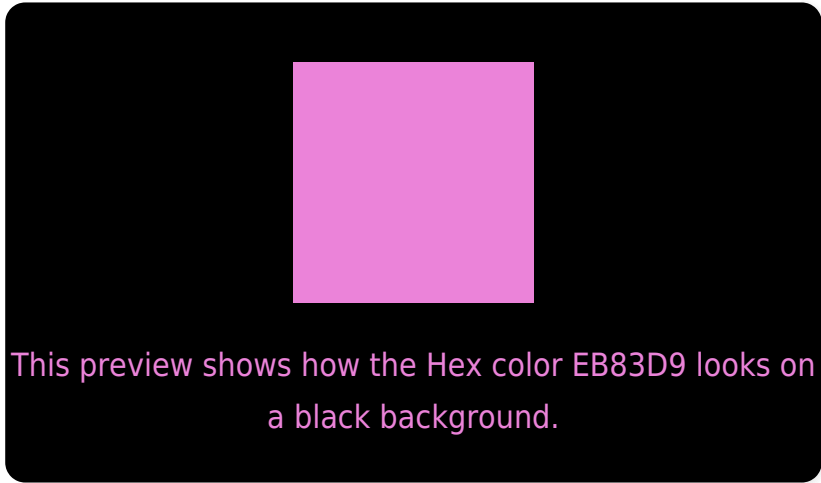
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 EB83D9 Background



This preview shows how black text looks on a background with the Hex color EB83D9.

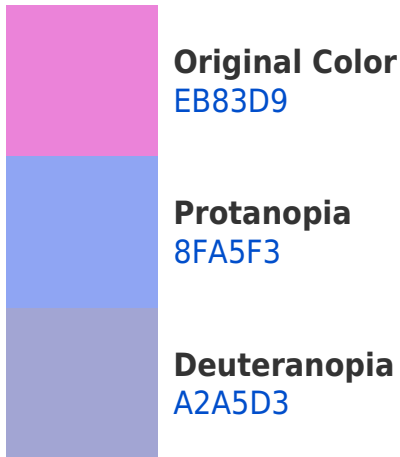


This preview shows how white text looks on a background with the Hex color EB83D9.

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
E4909B

Trichromacy



Original Color
EB83D9



Protanomaly
B099EA



Deuteranomaly
BD99D5

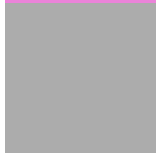


Tritanomaly
E78BB2

Monochromacy



Original Color
EB83D9



Achromatopsia
ACACAC



Achromatomaly
C39DBC

CSS Examples

Text

The CSS property to change the color of the text to Hex EB83D9 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 #EB83D9 looks like.

```
.text, #text, p{  
    color:#EB83D9  
}
```

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 #EB83D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB83D9
}
```

Border

The CSS property to change the border of an element to Hex EB83D9 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
#EB83D9 }
```

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

```
.border{ border-color:#EB83D9 }
```

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

Here you see how a box with a 4 pixel #EB83D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB83D9; -webkit-box-shadow:4px 4px  
4px 4px #EB83D9; box-shadow:4px 4px 4px  
4px #EB83D9 }
```

Background

The CSS property to change the background color of an element to Hex EB83D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB83D9 }
```

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

```
.background{ background-color:#EB83D9 }
```

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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