

Converting Colors

Hex(EC83B8)

Have a look what the booklet for
Hex(EC83B8) contains.

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Color

Hex(EC83B8)

Conversions

Conversions Part 1

Format	Color
Hex	EC83B8
RGB	236, 131, 184
RGB Percent	93%, 51%, 72%
CMY	0.0745, 0.4863, 0.2784
CMYK	0.00, 0.44, 0.22, 0.07
HSL	330°, 73%, 72%
HSV	330°, 44%, 93%
XYZ	51.3601, 37.5262, 49.8837
YIQ	168.4370, 45.5670, 38.7430

Conversions

Conversions Part 2

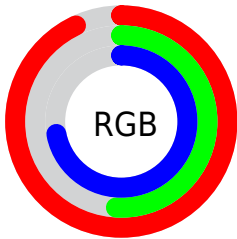
Format	Color
R _Y B	236, 131, 184
Decimal	15500216
CIE Lab	67.67, 46.61, -9.92
CIE LCh	68, 47.653, 347.982
Yxy	37.5262, 0.3701, 0.2704
Android (android.graphics.Color)	4293690296 (0xFFEC83B8)
YUV	168.4370, 7.6726, 59.2528
Hunter-Lab	61.2586, 42.4545, -5.3996

Details

The Hex color **EC83B8** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83ECB7**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFBAF0**, and **B24E83** is the 20% darker color. If you saturate the color by 10%, you get **EC6BAC**, and if you desaturate by 10%, it is **EC9BC4**.

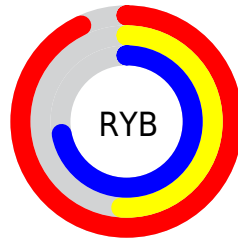
Distribution



Red (93%)

Green (51%)

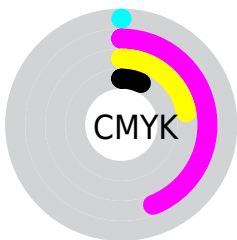
Blue (72%)



Red (93%)

Yellow (51%)

Blue (72%)

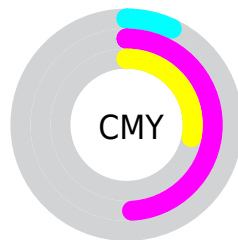


Cyan (0%)

Magenta (44%)

Yellow (22%)

Black (7%)



Cyan (7%)

Magenta (49%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC83B8 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 EC83B8 by changing the saturation by 10% instead.

 EC83B8

 EC83B8

FFFFFF

 CF689D

 FFBAF0

 B24E83

 FFD7FF

 96336A

 FFF4FF

 7A1652

 5F003B

 450025

 2E000F

 000000

 EC83B8

 EC83B8

 EC6BAC

 EC9BC4

 EC54A1

 ECB2CF

 EC3C95

 ECCADB

 EC2589

 ECE1E7

 EC0D7E

 ECF9F2

 EC0077

 ECFFFE

 ECFFFF

Harmonies

Analogous

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



C990DF



EC83B8



F6828D

Triad

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



EC83B8



A5AA50



00B7E4

Complementary

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



EC83B8



83ECB7

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.



00BBBE



EC83B8



74B469

Square

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



EC83B8



CE9C4F



29BA92



20AEF8

Rectangle

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



EC83B8



F18872



29BA92



00B9D8

Sweetspot

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



EC83B8



FFDEEF



B683EC



806B75



000000



808080

Same Dimension

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



EC83B8



FF78BC



EC8385



756A6F



B5005B



36001B

Inverse Universe

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



EC83B8



FF78BC



83ECEA



756A6F



B5005B



36001B

Previews

White Background



This preview shows how the Hex color EC83B8 looks on a white background.

Color Contrast Check

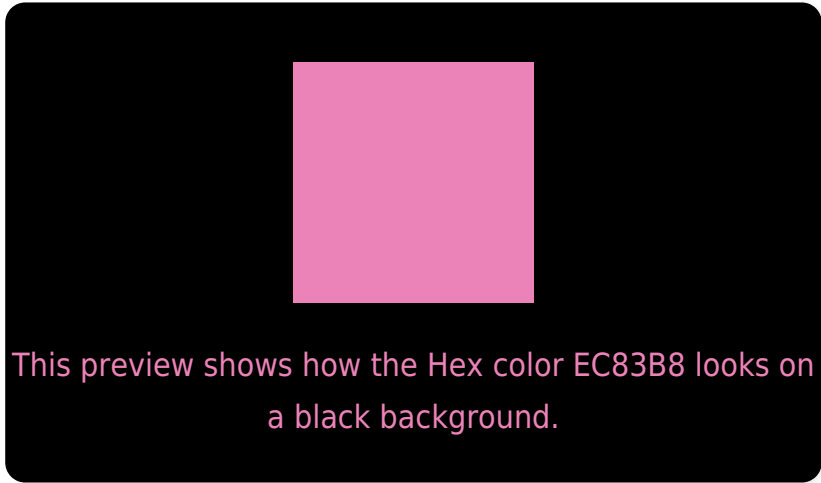
Large Text (above 18pt) WCAG AA × Fail

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 EC83B8 Background



This preview shows how black text looks on a background with the Hex color EC83B8.

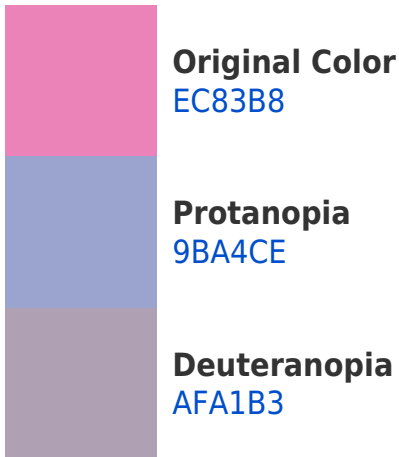


This preview shows how white text looks on a background with the Hex color EC83B8.

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
E88A94

Trichromacy



Original Color
EC83B8



Protanomaly
B898C6



Deuteranomaly
C596B5

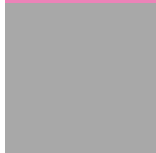


Tritanomaly
E987A1

Monochromacy



Original Color
EC83B8



Achromatopsia
A8A8A8



Achromatomaly
C19BAE

CSS Examples

Text

The CSS property to change the color of the text to Hex EC83B8 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 #EC83B8 looks like.

```
.text, #text, p{  
    color:#EC83B8  
}
```

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 #EC83B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC83B8
}
```

Border

The CSS property to change the border of an element to Hex EC83B8 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
#EC83B8 }
```

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

```
.border{ border-color:#EC83B8 }
```

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

Here you see how a box with a 4 pixel #EC83B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC83B8; -webkit-box-shadow:4px 4px  
4px 4px #EC83B8; box-shadow:4px 4px 4px  
4px #EC83B8 }
```

Background

The CSS property to change the background color of an element to Hex EC83B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC83B8 }
```

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

```
.background{ background-color:#EC83B8 }
```

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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