

Converting Colors

Hex(EC83E6)

Have a look what the booklet for
Hex(EC83E6) contains.

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Color

Hex(**EC83E6**)

Conversions

Conversions Part 1

Format	Color
Hex	EC83E6
RGB	236, 131, 230
RGB Percent	93%, 51%, 90%
CMY	0.0745, 0.4863, 0.0980
CMYK	0.00, 0.44, 0.03, 0.07
HSL	303°, 73%, 72%
HSV	303°, 44%, 93%
XYZ	56.9913, 39.7786, 79.5372
YIQ	173.6810, 30.8010, 53.0490

Conversions

Conversions Part 2

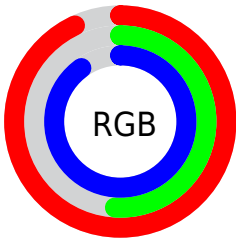
Format	Color
R _Y B	236, 131, 230
Decimal	15500262
CIE Lab	69.31, 53.90, -33.03
CIE LCh	69, 63.220, 328.499
Yxy	39.7786, 0.3233, 0.2256
Android (android.graphics.Color)	4293690342 (0xFFEC83E6)
YUV	173.6810, 27.7653, 54.6538
Hunter-Lab	63.0703, 50.9223, -30.6207

Details

The Hex color **EC83E6** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **83EC89**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFBBFF**, and **B24DAE** is the 20% darker color. If you saturate the color by 10%, you get **EC6BE5**, and if you desaturate by 10%, it is **EC9BE7**.

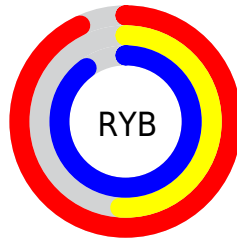
Distribution



Red (93%)

Green (51%)

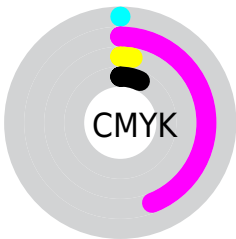
Blue (90%)



Red (93%)

Yellow (51%)

Blue (90%)

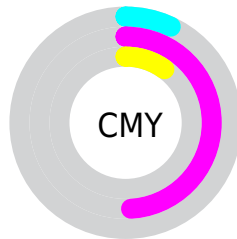


Cyan (0%)

Magenta (44%)

Yellow (3%)

Black (7%)



Cyan (7%)

Magenta (49%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC83E6 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 EC83E6 by changing the saturation by 10% instead.

 EC83E6

 EC83E6

FFFFFF

 CF68CA

 FFBBFF

 B24DAE

 FFD7FF

 963193

 FFF4FF

 7B1179

 600060

 450048

 2F0031

 04001B

 000000

 EC83E6

 EC83E6

 EC6BE5

 EC9BE7

 EC54E3

 ECB2E9

 EC3CE2

 ECCAEA

 EC25E1

 ECE1EB

 EC0DDF

 ECF9ED

 EC00DF

 ECFFEE

 ECFFEF

 ECFFF1

 ECFFF2

Harmonies

Analogous

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



A59BFF



EC83E6



FF74AF

Triad

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



EC83E6



CAA52C



00C4DE

Complementary

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



EC83E6



83EC89

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.



00C5A4



EC83E6



91B63C

Square

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



EC83E6



F68F47



3FC06A



00BEFF

Rectangle

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



EC83E6



FF7688



3FC06A



00C5CC

Sweetspot

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



EC83E6



FFDEFD



8883EC



806B7E



000000



808080

Same Dimension

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



EC83E6



FF78F7



EC83B2



756A75



B500AB



360032

Inverse Universe

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



EC83E6



FF78F7



83ECBD



756A75



B500AB



360032

Previews

White Background



This preview shows how the Hex color EC83E6 looks on a white background.

Color Contrast Check

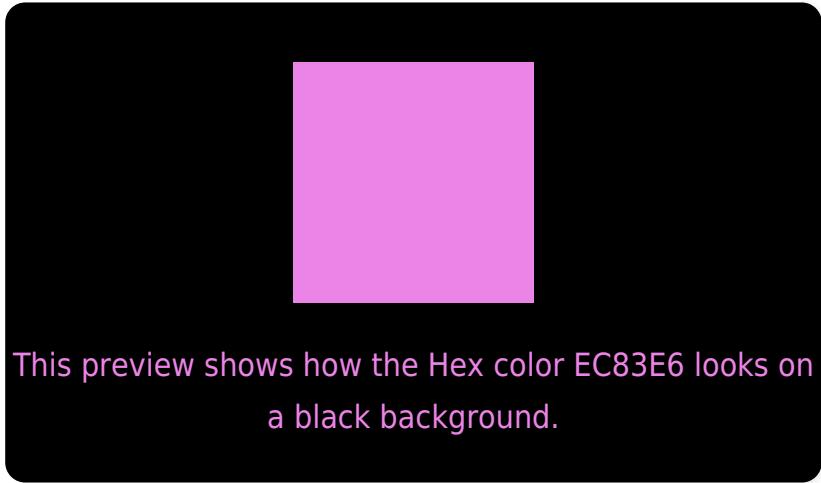
Large Text (above 18pt) WCAG AA × Fail

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

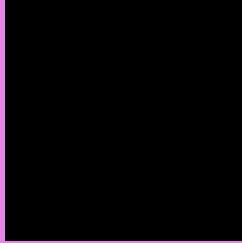
Any Text WCAG AA ✓ Pass

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 EC83E6 Background



This preview shows how black text looks on a background with the Hex color EC83E6.

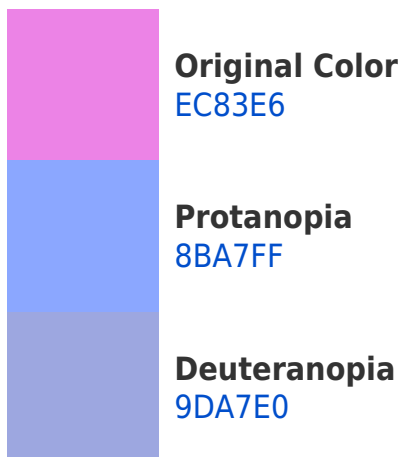


This preview shows how white text looks on a background with the Hex color EC83E6.

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
E3939E

Trichromacy



Original Color
EC83E6



Protanomaly
AE9AF6



Deuteranomaly
BA9AE2



Tritanomaly
E68DB8

Monochromacy



Original Color
EC83E6



Achromatopsia
AEAEAE



Achromatomaly
C59EC2

CSS Examples

Text

The CSS property to change the color of the text to Hex EC83E6 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 #EC83E6 looks like.

```
.text, #text, p{  
    color:#EC83E6  
}
```

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 #EC83E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC83E6
}
```

Border

The CSS property to change the border of an element to Hex EC83E6 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
#EC83E6 }
```

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

```
.border{ border-color:#EC83E6 }
```

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

Here you see how a box with a 4 pixel #EC83E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC83E6; -webkit-box-shadow:4px 4px  
4px 4px #EC83E6; box-shadow:4px 4px 4px  
4px #EC83E6 }
```

Background

The CSS property to change the background color of an element to Hex EC83E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC83E6 }
```

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

```
.background{ background-color:#EC83E6 }
```

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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