

Converting Colors

Hex(C83EB1)

Have a look what the booklet for
Hex(C83EB1) contains.

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Color

Hex(C83EB1)

Conversions

Conversions Part 1

Format	Color
Hex	C83EB1
RGB	200, 62, 177
RGB Percent	78%, 24%, 69%
CMY	0.2157, 0.7569, 0.3059
CMYK	0.00, 0.69, 0.12, 0.22
HSL	310°, 56%, 51%
HSV	310°, 69%, 78%
XYZ	33.4779, 18.8989, 43.4784
YIQ	116.3720, 45.3330, 65.0210

Conversions

Conversions Part 2

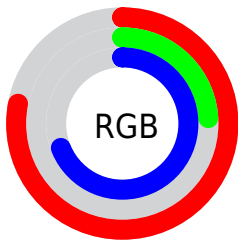
Format	Color
RYB	200, 62, 177
Decimal	13123249
CIELab	50.57, 66.18, -32.50
CIElCh	51, 73.727, 333.841
Yxy	18.8989, 0.3493, 0.1972
Android (android.graphics.Color)	4291313329 (0xFFC83EB1)
YUV	116.3720, 29.8896, 73.3418
Hunter-Lab	43.4729, 61.3827, -28.8664

Details

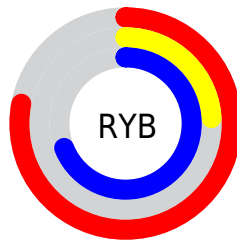
The Hex color **C83EB1** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **3EC855**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF78E9**, and **8E007C** is the 20% darker color. If you saturate the color by 10%, you get **C82AAE**, and if you desaturate by 10%, it is **C852B4**.

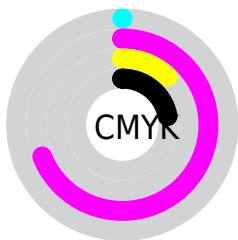
Distribution



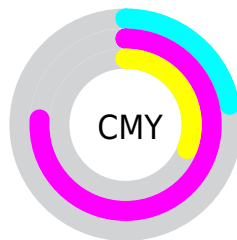
- Red (78%)
- Green (24%)
- Blue (69%)



- Red (78%)
- Yellow (24%)
- Blue (69%)



- Cyan (0%)
- Magenta (69%)
- Yellow (12%)
- Black (22%)



- Cyan (22%)
- Magenta (76%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color C83EB1 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 C83EB1 by changing the saturation by 10% instead.

 C83EB1

 C83EB1

FFFFFF

 AB1A96

 FF78E9

 8E007C

 FF95FF

 720063

 FFB1FF

 57004A

 FFCFFF

 3E0034

 FFECFF

 20001D

 000000

 C83EB1

 C83EB1

 C82AAE

 C852B4

 C816AA

 C866B8

 C802A7

 C87ABB

 C800A7

 C88EBE

 C8A2C2

 C8B6C5

 C8CAC8

 C8DECC

 C8F2CF

Harmonies

Analogous

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



7E63E2



C83EB1



E42373

Triad

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



C83EB1



8B7900



0093BD

Complementary

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



C83EB1



3EC855

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.



00937F



C83EB1



488800

Square

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



C83EB1



BC5F00



00903D



008DEA

Rectangle

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



C83EB1



E3304A



00903D



0093AA

Sweetspot

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



C83EB1



FFC9F6



553EC8



80607A



000000



808080

Same Dimension

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



C83EB1



FF2BDC



C83E6C



635A62



A30088



24001E

Inverse Universe

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



C83EB1



FF2BDC



3EC89A



635A62



A30088



24001E

Previews

White Background



This preview shows how the Hex color C83EB1 looks on a white background.

Color Contrast Check

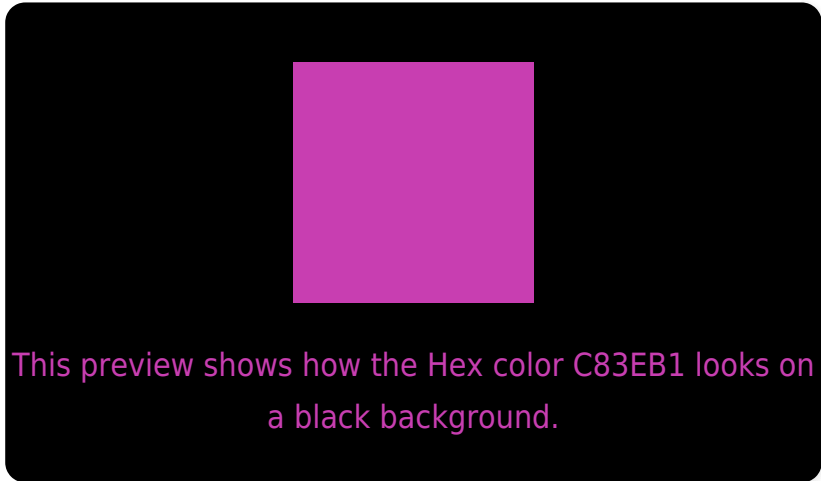
Large Text (above 18pt) WCAG AA ✓ Pass

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

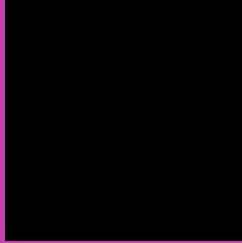
Any Text WCAG AA ✓ Pass

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 C83EB1 Background



This preview shows how black text looks on a background with the Hex color C83EB1.

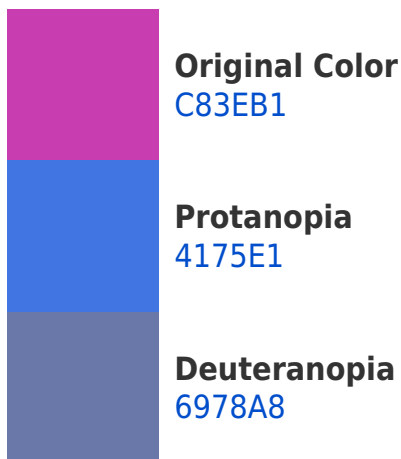



This preview shows how white text looks on a background with the Hex color C83EB1.

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](#).

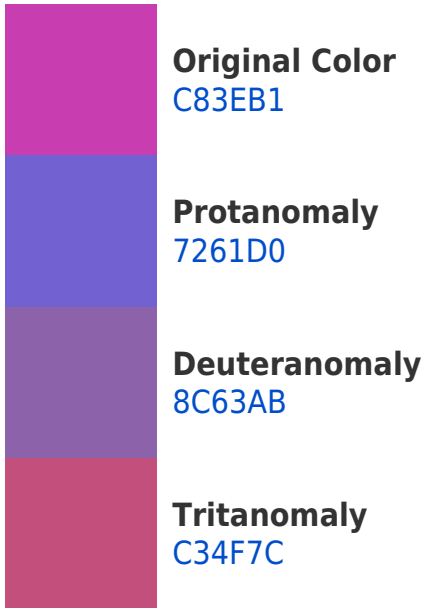
Dichromacy



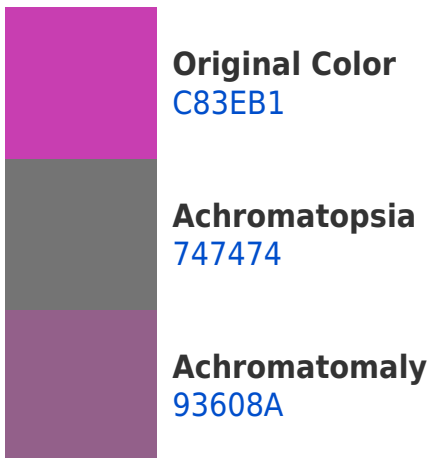


Tritanopia
C0585E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C83EB1 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 #C83EB1 looks like.

```
.text, #text, p{  
    color:#C83EB1  
}
```

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 #C83EB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C83EB1
}
```

Border

The CSS property to change the border of an element to Hex C83EB1 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
#C83EB1 }
```

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

```
.border{ border-color:#C83EB1 }
```

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

Here you see how a box with a 4 pixel #C83EB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C83EB1; -webkit-box-shadow:4px 4px  
4px 4px #C83EB1; box-shadow:4px 4px 4px  
4px #C83EB1 }
```

Background

The CSS property to change the background color of an element to Hex C83EB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C83EB1 }
```

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

```
.background{ background-color:#C83EB1 }
```

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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