

Converting Colors

Hex(C83EC8)

Have a look what the booklet for
Hex(C83EC8) contains.

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Color

Hex(C83EC8)

Conversions

Conversions Part 1

Format	Color
Hex	C83EC8
RGB	200, 62, 200
RGB Percent	78%, 24%, 78%
CMY	0.2157, 0.7569, 0.2157
CMYK	0.00, 0.69, 0.00, 0.22
HSL	300°, 56%, 51%
HSV	300°, 69%, 78%
XYZ	35.9674, 19.8947, 56.5880
YIQ	118.9940, 37.9500, 72.1740

Conversions

Conversions Part 2

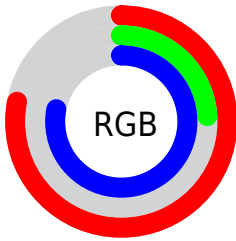
Format	Color
R _{YB}	200, 62, 200
Decimal	13123272
CIE Lab	51.72, 69.77, -44.04
CIE LCh	52, 82.506, 327.735
Yxy	19.8947, 0.3199, 0.1769
Android (android.graphics.Color)	4291313352 (0xFFC83EC8)
YUV	118.9940, 39.9360, 71.0423
Hunter-Lab	44.6035, 65.8826, -43.9981

Details

The Hex color **C83EC8** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **3EC83E**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF79FF**, and **8E0091** is the 20% darker color. If you saturate the color by 10%, you get **C82AC8**, and if you desaturate by 10%, it is **C852C8**.

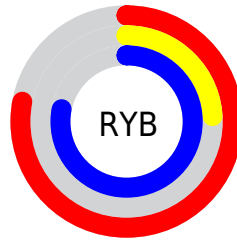
Distribution



Red (78%)

Green (24%)

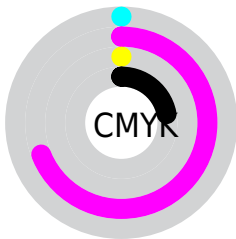
Blue (78%)



Red (78%)

Yellow (24%)

Blue (78%)

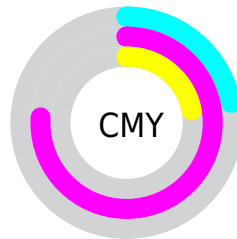


Cyan (0%)

Magenta (69%)

Yellow (0%)

Black (22%)



Cyan (22%)

Magenta (76%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color C83EC8 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 C83EC8 by changing the saturation by 10% instead.

 C83EC8

 C83EC8

FFFFFF

 AB19AC

 FF79FF

 8E0091

 FF96FF

 720077

 FFB3FF

 56005E

 FFD0FF

 3C0046

 FFEDFF

 20002E

 000118

 000000

 C83EC8

 C83EC8

 C82AC8

 C852C8

 C816C8

 C866C8

 C802C8

 C87AC8

 C800C8

 C88EC8

 C8A2C8

 C8B6C8

 C8CAC8

 C8DEC8

 C8F2C8

Harmonies

Analogous

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



606BFA



C83EC8



F00084

Triad

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



C83EC8



9A7700



0099BC

Complementary

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



C83EC8



3EC83E

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.



009874



C83EC8



558A00

Square

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



C83EC8



CF5700



009426



0094F3

Rectangle

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



C83EC8



F30A55



009426



0099A5

Sweetspot

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



C83EC8



FFC9FF



3E3EC8



806080



000000



808080

Same Dimension

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



C83EC8



FF2BFF



C83E83



635A63



A300A3



240024

Inverse Universe

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



C83EC8



FF2BFF



3EC883



635A63



A300A3



240024

Previews

White Background



This preview shows how the Hex color C83EC8 looks on a white background.

Color Contrast Check

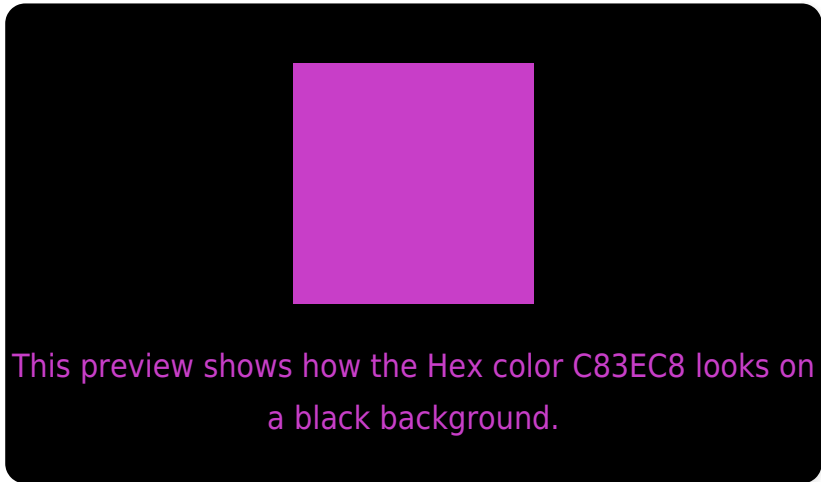
Large Text (above 18pt) WCAG AA ✓ Pass

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

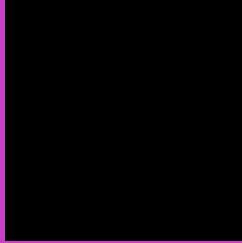
Any Text WCAG AA ✓ Pass

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 C83EC8 Background



This preview shows how black text looks on a background with the Hex color C83EC8.




This preview shows how white text looks on a background with the Hex color C83EC8.

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
BD5E65

Trichromacy



Original Color
C83EC8



Protanomaly
4962EA



Deuteranomaly
8265C2



Tritanomaly
C15289

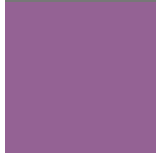
Monochromacy



Original Color
C83EC8



Achromatopsia
777777



Achromatomaly
946294

CSS Examples

Text

The CSS property to change the color of the text to Hex C83EC8 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 #C83EC8 looks like.

```
.text, #text, p{  
    color:#C83EC8  
}
```

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 #C83EC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C83EC8
}
```

Border

The CSS property to change the border of an element to Hex C83EC8 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
#C83EC8 }
```

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

```
.border{ border-color:#C83EC8 }
```

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

Here you see how a box with a 4 pixel #C83EC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C83EC8; -webkit-box-shadow:4px 4px  
4px 4px #C83EC8; box-shadow:4px 4px 4px  
4px #C83EC8 }
```

Background

The CSS property to change the background color of an element to Hex C83EC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C83EC8 }
```

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

```
.background{ background-color:#C83EC8 }
```

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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