

Converting Colors

Hex(C83585)

Have a look what the booklet for
Hex(C83585) contains.

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Color

Hex(C83585)

Conversions

Conversions Part 1

Format	Color
Hex	C83585
RGB	200, 53, 133
RGB Percent	78%, 21%, 52%
CMY	0.2157, 0.7922, 0.4784
CMYK	0.00, 0.73, 0.33, 0.22
HSL	327°, 58%, 50%
HSV	327°, 74%, 78%
XYZ	29.3262, 16.5190, 23.8331
YIQ	106.0730, 61.9320, 56.0440

Conversions

Conversions Part 2

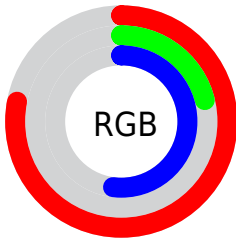
Format	Color
R_{YB}	200, 53, 133
Decimal	13120901
CIE _{Lab}	47.65, 63.52, -10.79
CIE _{LCh}	48, 64.429, 350.356
Yxy	16.5190, 0.4209, 0.2371
Android (android.graphics.Color)	4291310981 (0xFFC83585)
YUV	106.0730, 13.2750, 82.3740
Hunter-Lab	40.6436, 57.6694, -6.3167

Details

The Hex color **C83585** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **35C878**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF70BA**, and **8D0053** is the 20% darker color. If you saturate the color by 10%, you get **C8217C**, and if you desaturate by 10%, it is **C8498E**.

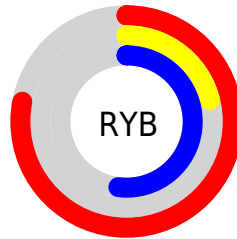
Distribution



Red (78%)

Green (21%)

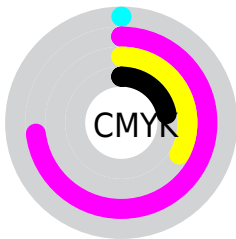
Blue (52%)



Red (78%)

Yellow (21%)

Blue (52%)

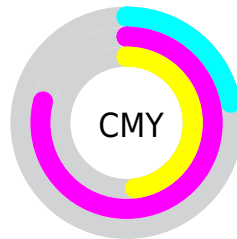


Cyan (0%)

Magenta (73%)

Yellow (33%)

Black (22%)



Cyan (22%)

Magenta (79%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color C83585 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 C83585 by changing the saturation by 10% instead.

 C83585

 C83585


FFFFFF

 AA0A6C

 FF70BA

 8D0053

 FF8DD6

 71003C

 FFA9F2

 540027

 FFC6FF

 3A0011

 FFE3FF

 160000

 000000

 C83585

 C83585

 C8217C

 C8498E

 C80D73

 C85D97

 C8006D

 C871A0

 C885A9

 C899B3

 C8ADBC

 C8C1C5

 C8D5CE

 C8E9D7

Harmonies

Analogous

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



A04FB7



C83585



CF364F

Triad

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



C83585



667900



0086C4

Complementary

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



C83585



35C878

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.



008995



C83585



0C8324

Square

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



C83585



976800



00885D



007DDD

Rectangle

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



C83585



C5472D



00885D



0088B7

Sweetspot

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



C83585



FFC7E5



7735C8



805E70



000000



808080

Same Dimension

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



C83585



FF1F99



C8353C



635A5F



A30059



240013

Inverse Universe

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



C83585



FF1F99



35C8C1



635A5F



A30059



240013

Previews

White Background



This preview shows how the Hex color C83585 looks on a white background.

Color Contrast Check

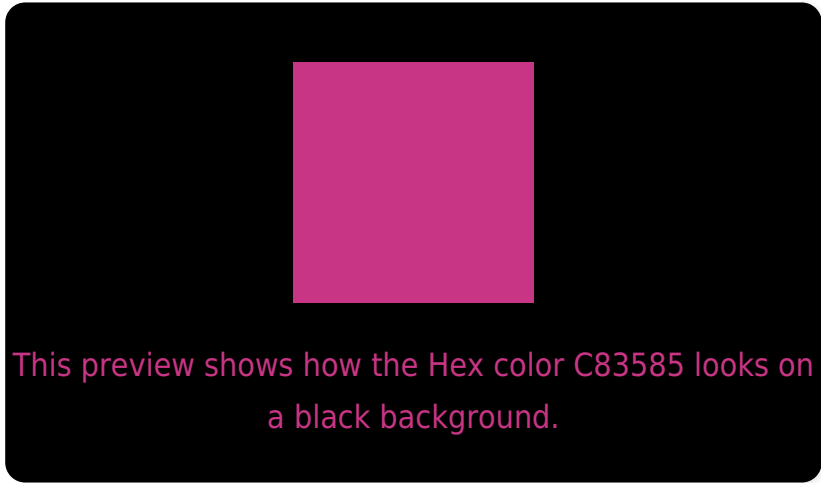
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex C83585 Background



This preview shows how black text looks on a background with the Hex color C83585.

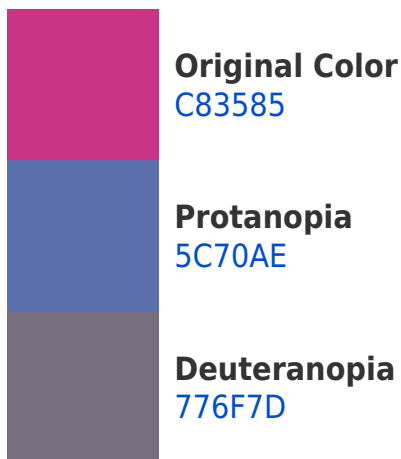



This preview shows how white text looks on a background with the Hex color C83585.

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](#).

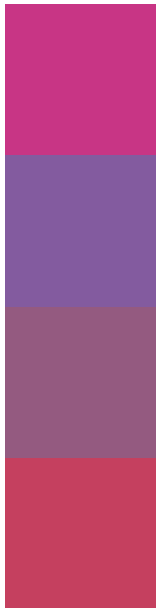
Dichromacy





Tritanopia
C4464A

Trichromacy



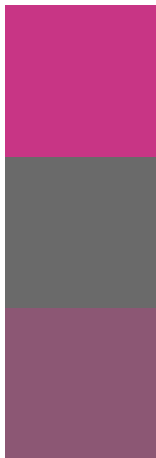
Original Color
C83585

Protanomaly
835B9F

Deuteranomaly
945A80

Tritanomaly
C5405F

Monochromacy



Original Color
C83585

Achromatopsia
6A6A6A

Achromatomaly
8C5774

CSS Examples

Text

The CSS property to change the color of the text to Hex C83585 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 #C83585 looks like.

```
.text, #text, p{  
    color:#C83585  
}
```

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 #C83585 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C83585
}
```

Border

The CSS property to change the border of an element to Hex C83585 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
#C83585 }
```

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

```
.border{ border-color:#C83585 }
```

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

Here you see how a box with a 4 pixel #C83585 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C83585; -webkit-box-shadow:4px 4px  
4px 4px #C83585; box-shadow:4px 4px 4px  
4px #C83585 }
```

Background

The CSS property to change the background color of an element to Hex C83585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C83585 }
```

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

```
.background{ background-color:#C83585 }
```

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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