

# Converting Colors

Hex(C83C73)

Have a look what the booklet for  
Hex(C83C73) contains.

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# Color

Hex(C83C73)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C83C73
RGB	200, 60, 115
RGB Percent	78%, 24%, 45%
CMY	0.2157, 0.7647, 0.5490
CMYK	0.00, 0.70, 0.43, 0.22
HSL	336°, 56%, 51%
HSV	336°, 70%, 78%
XYZ	28.5298, 16.7489, 17.9488
YIQ	108.1300, 65.7850, 46.7850

# Conversions

## Conversions Part 2

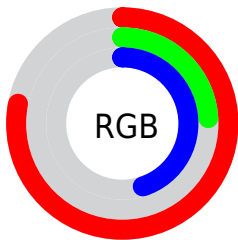
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 60, 115
Decimal	13122675
CIE <sub>Lab</sub>	47.94, 59.17, 0.58
CIE <sub>LCh</sub>	48, 59.168, 0.565
Yxy	16.7489, 0.4512, 0.2649
Android (android.graphics.Color)	4291312755 (0xFFC83C73)
YUV	108.1300, 3.3869, 80.5700
Hunter-Lab	40.9254, 52.8159, 2.6447

# Details

The Hex color **C83C73** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **3CC891**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF75A7**, and **8D0043** is the 20% darker color. If you saturate the color by 10%, you get **C82867**, and if you desaturate by 10%, it is **C8507F**.

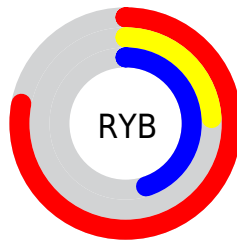
# Distribution



Red (78%)

Green (24%)

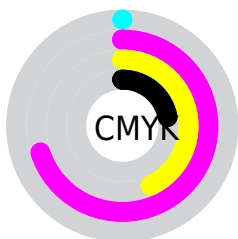
Blue (45%)



Red (78%)

Yellow (24%)

Blue (45%)

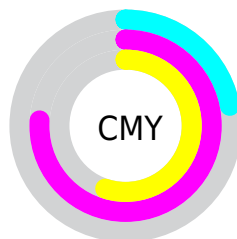


Cyan (0%)

Magenta (70%)

Yellow (43%)

Black (22%)



Cyan (22%)

Magenta (76%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C83C73 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 C83C73 by changing the saturation by 10% instead.



 C83C73

 C83C73

FFFFFF

 AA1A5B

 FF75A7

 8D0043

 FF91C2

 70002D

 FFADDE

 530019

 FFCAFA

 3A0002

 FFE8FF

 110000

 000000

 C83C73

 C83C73

 C82867

 C8507F

 C8145B

 C8648B

 C8004F

 C87897

 C88CA4

 C8A0B0

 C8B4BC

 C8C8C8

 C8DCD4

 C8F0E0

# Harmonies

## Analogous

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



AE4CA4



C83C73



C64642

# Triad

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



C83C73



567D07



0083C9

# Complementary

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



C83C73



3CC891

# 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.



0088A3



C83C73



00853E

# Square

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



C83C73



887000



008871



0078D6

# Rectangle

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



C83C73



B85424



008871



0085BE



# Sweetspot

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



C83C73



FFC9DE



903CC8



80606C



000000



808080



# Same Dimension

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



C83C73



FF297D



C84A3C



635A5D



A30040



24000E



# Inverse Universe

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



C83C73



FF297D



3CBAC8



635A5D



A30040



24000E



# Previews

## White Background



This preview shows how the Hex color C83C73 looks on a white background.

## Color Contrast Check

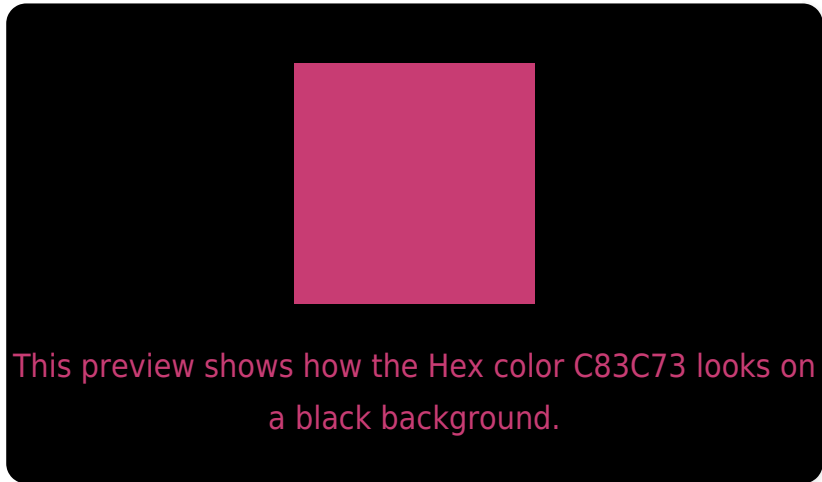
Large Text (above 18pt) WCAG AA ✓ Pass

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 C83C73 Background



This preview shows how black text looks on a background with the Hex color C83C73.




This preview shows how white text looks on a background with the Hex color C83C73.

# 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**  
C5464A

# Trichromacy



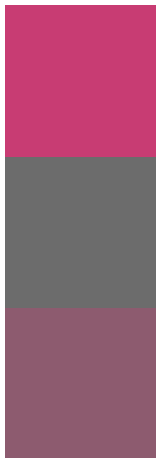
**Original Color**  
C83C73

**Protanomaly**  
8C5E87

**Deuteranomaly**  
9A5C6F

**Tritanomaly**  
C64259

# Monochromacy



**Original Color**  
C83C73

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
8D5B6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C83C73 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 #C83C73 looks like.

```
.text, #text, p{  
    color:#C83C73  
}
```

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 #C83C73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C83C73
}
```

## Border

The CSS property to change the border of an element to Hex C83C73 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
#C83C73 }
```

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

```
.border{ border-color:#C83C73 }
```

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

Here you see how a box with a 4 pixel #C83C73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C83C73; -webkit-box-shadow:4px 4px  
4px 4px #C83C73; box-shadow:4px 4px 4px  
4px #C83C73 }
```

# Background

The CSS property to change the background color of an element to Hex C83C73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C83C73 }
```

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

```
.background{ background-color:#C83C73 }
```

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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