

# Converting Colors

Hex(C83C74)

Have a look what the booklet for  
Hex(C83C74) contains.

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**Color**

**Hex(C83C74)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C83C74
RGB	200, 60, 116
RGB Percent	78%, 24%, 45%
CMY	0.2157, 0.7647, 0.5451
CMYK	0.00, 0.70, 0.42, 0.22
HSL	336°, 56%, 51%
HSV	336°, 70%, 78%
XYZ	28.5877, 16.7720, 18.2536
YIQ	108.2440, 65.4640, 47.0960

# Conversions

## Conversions Part 2

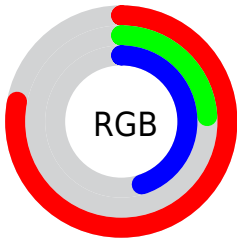
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 60, 116
Decimal	13122676
CIE <sub>Lab</sub>	47.97, 59.26, 0.02
CIE <sub>LCh</sub>	48, 59.265, 0.016
Yxy	16.7720, 0.4494, 0.2637
Android (android.graphics.Color)	4291312756 (0xFFC83C74)
YUV	108.2440, 3.8237, 80.4700
Hunter-Lab	40.9537, 52.9328, 2.2412

# Details

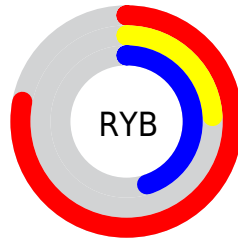
The Hex color **C83C74** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **3CC890**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF75A8**, and **8D0044** is the 20% darker color. If you saturate the color by 10%, you get **C82868**, and if you desaturate by 10%, it is **C85080**.

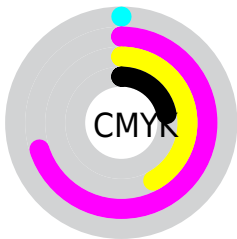
# Distribution



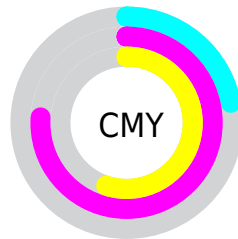
- Red (78%)
- Green (24%)
- Blue (45%)



- Red (78%)
- Yellow (24%)
- Blue (45%)



- Cyan (0%)
- Magenta (70%)
- Yellow (42%)
- Black (22%)



- Cyan (22%)
- Magenta (76%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C83C74 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 C83C74 by changing the saturation by 10% instead.



 C83C74

 C83C74

FFFFFF

 AA1A5C

 FF75A8

 8D0044

 FF91C3

 70002E

 FFAEDF

 53001A

 FFCAF8

 3A0002

 FFE8FF

 120000

 000000

 C83C74

 C83C74

 C82868

 C85080

 C8145C

 C8648C

 C80050

 C87898

 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.



AD4CA5



C83C74



C74543

# Triad

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



C83C74



577D05



0083C8

# Complementary

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



C83C74



3CC890

# 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



C83C74



00853D

# Square

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



C83C74



897000



008870



0078D7

# Rectangle

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



C83C74



B95425



008870



0086BE



# Sweetspot

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



C83C74



FFC9DF



903CC8



80606C



000000



808080



# Same Dimension

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



C83C74



FF297E



C84A3C



635A5D



A30041



24000E



# Inverse Universe

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



C83C74



FF297E



3CBAC8



635A5D



A30041

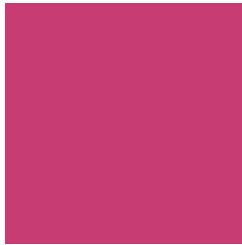


24000E



# Previews

## White Background



This preview shows how the Hex color C83C74 looks on a white background.

## Color Contrast Check

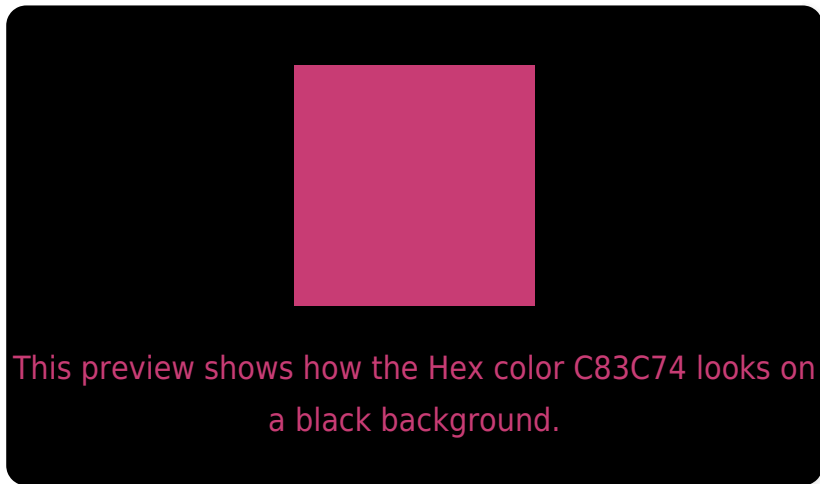
Large Text (above 18pt) WCAG AA ✓ Pass

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

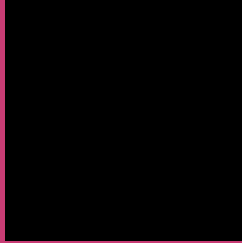
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex C83C74 Background



This preview shows how black text looks on a background with the Hex color C83C74.




This preview shows how white text looks on a background with the Hex color C83C74.

# 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



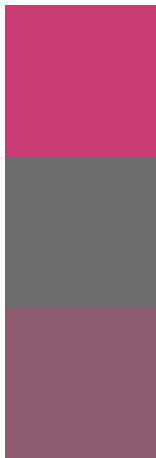
**Original Color**  
C83C74

**Protanomaly**  
8C5E89

**Deuteranomaly**  
9A5C70

**Tritanomaly**  
C64259

# Monochromacy



**Original Color**  
C83C74

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
8D5B6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C83C74 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 #C83C74 looks like.

```
.text, #text, p{  
    color:#C83C74  
}
```

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 #C83C74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C83C74
}
```

## Border

The CSS property to change the border of an element to Hex C83C74 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
#C83C74 }
```

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

```
.border{ border-color:#C83C74 }
```

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

Here you see how a box with a 4 pixel #C83C74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C83C74; -webkit-box-shadow:4px 4px  
4px 4px #C83C74; box-shadow:4px 4px 4px  
4px #C83C74 }
```

# Background

The CSS property to change the background color of an element to Hex C83C74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C83C74 }
```

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

```
.background{ background-color:#C83C74 }
```

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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