

Converting Colors

Hex(C83184)

Have a look what the booklet for
Hex(C83184) contains.

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Color

Hex(C83184)

Conversions

Conversions Part 1

Format	Color
Hex	C83184
RGB	200, 49, 132
RGB Percent	78%, 19%, 52%
CMY	0.2157, 0.8078, 0.4824
CMYK	0.00, 0.76, 0.34, 0.22
HSL	327°, 61%, 49%
HSV	327°, 76%, 78%
XYZ	29.0826, 16.1419, 23.4127
YIQ	103.6110, 63.3530, 57.8250

Conversions

Conversions Part 2

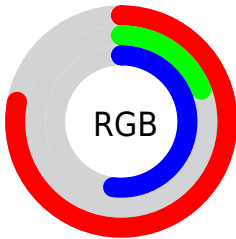
Format	Color
R_{YB}	200, 49, 132
Decimal	13119876
CIE _{Lab}	47.16, 64.68, -10.92
CIE _{LCh}	47, 65.600, 350.415
Yxy	16.1419, 0.4237, 0.2352
Android (android.graphics.Color)	4291309956 (0xFFC83184)
YUV	103.6110, 13.9958, 84.5332
Hunter-Lab	40.1770, 58.8995, -6.4266

Details

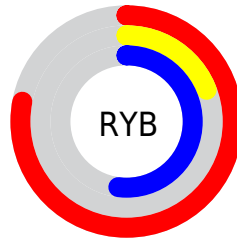
The Hex color **C83184** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **31C875**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF6DB9**, and **8D0053** is the 20% darker color. If you saturate the color by 10%, you get **C81D7B**, and if you desaturate by 10%, it is **C8458D**.

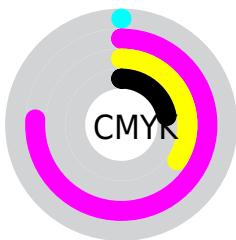
Distribution



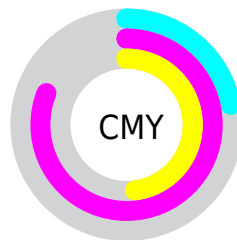
- Red (78%)
- Green (19%)
- Blue (52%)



- Red (78%)
- Yellow (19%)
- Blue (52%)



- Cyan (0%)
- Magenta (76%)
- Yellow (34%)
- Black (22%)



- Cyan (22%)
- Magenta (81%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color C83184 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 C83184 by changing the saturation by 10% instead.

 C83184

 C83184

FFFFFF

 AA006B

 FF6DB9

 8D0053

 FF8AD5

 70003B

 FFA6F1

 540026

 FFC3FF

 3A0010

 FFE1FF

 150000

 000000

 C83184

 C83184

 C81D7B

 C8458D

 C80972

 C85996

 C8006E

 C86D9F

 C881A8

 C895B1

 C8A9BA

 C8BDC3

 C8D1CC

 C8E5D5

Harmonies

Analogous

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



9F4DB7



C83184



CF334D

Triad

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



C83184



647800



0085C5

Complementary

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



C83184



31C875

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.



008895



C83184



008221

Square

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



C83184



966700



00875C



007CDE

Rectangle

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



C83184



C5442A



00875C



0087B7

Sweetspot

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



C83184



FFC4E5



7531C8



805C6F



000000



808080

Same Dimension

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



C83184



FF1797



C83139



635A5F



A3005A



240014

Inverse Universe

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



C83184



FF1797



31C8C0



635A5F



A3005A



240014

Previews

White Background



This preview shows how the Hex color C83184 looks on a white background.

Color Contrast Check

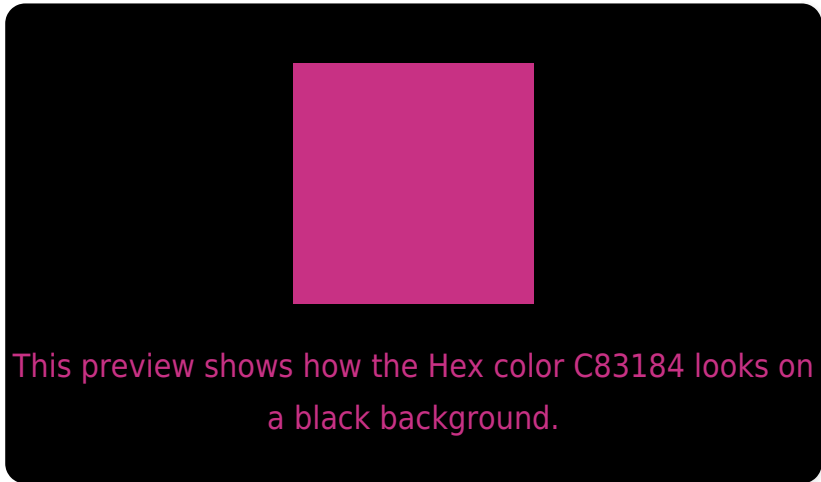
Large Text (above 18pt) WCAG AA ✓ Pass

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 C83184 Background



This preview shows how black text looks on a background with the Hex color C83184.

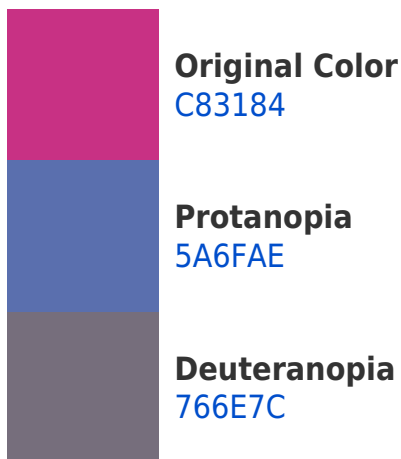



This preview shows how white text looks on a background with the Hex color C83184.

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
C44347

Trichromacy



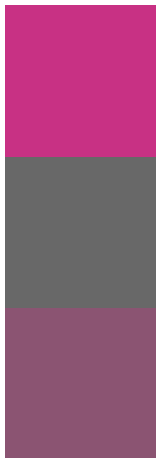
Original Color
C83184

Protanomaly
82589F

Deuteranomaly
94587F

Tritanomaly
C53C5D

Monochromacy



Original Color
C83184

Achromatopsia
686868

Achromatomaly
8B5472

CSS Examples

Text

The CSS property to change the color of the text to Hex C83184 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 #C83184 looks like.

```
.text, #text, p{  
  color:#C83184  
}
```

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 #C83184 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C83184
}
```

Border

The CSS property to change the border of an element to Hex C83184 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
#C83184 }
```

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

```
.border{ border-color:#C83184 }
```

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

Here you see how a box with a 4 pixel #C83184 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C83184; -webkit-box-shadow:4px 4px  
4px 4px #C83184; box-shadow:4px 4px 4px  
4px #C83184 }
```

Background

The CSS property to change the background color of an element to Hex C83184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C83184 }
```

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

```
.background{ background-color:#C83184 }
```

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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