

# Converting Colors

Hex(C91B8B)

Have a look what the booklet for  
Hex(C91B8B) contains.

<b>Hex(C91B8B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(C91B8B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C91B8B
RGB	201, 27, 139
RGB Percent	79%, 11%, 55%
CMY	0.2118, 0.8941, 0.4549
CMYK	0.00, 0.87, 0.31, 0.21
HSL	321°, 76%, 45%
HSV	321°, 87%, 79%
XYZ	29.1395, 15.0655, 25.7982
YIQ	91.7940, 67.7520, 71.7200

# Conversions

## Conversions Part 2

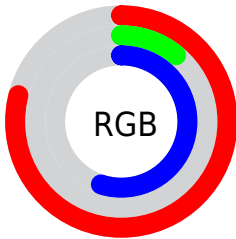
Format	Color
<a href="#">RYB</a>	<a href="#">201, 27, 139</a>
Decimal	<a href="#">13179787</a>
CIELab	<a href="#">45.72, 71.10, -17.34</a>
CIELCh	<a href="#">46, 73.179, 346.295</a>
Yxy	<a href="#">15.0655, 0.4163, 0.2152</a>
Android (android.graphics.Color)	<a href="#">4291369867</a> <a href="#">(0xFFC91B8B)</a>
YUV	<a href="#">91.7940, 23.2726, 95.7737</a>
Hunter-Lab	<a href="#">38.8142, 66.0827, -12.2376</a>

# Details

The Hex color **C91B8B** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **1BC959**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF61C1**, and **8E0059** is the 20% darker color. If you saturate the color by 10%, you get **C90784**, and if you desaturate by 10%, it is **C92F92**.

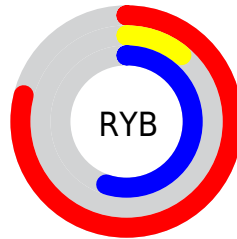
# Distribution



Red (79%)

Green (11%)

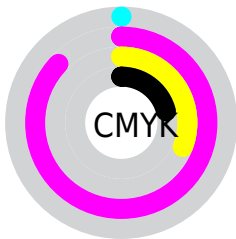
Blue (55%)



Red (79%)

Yellow (11%)

Blue (55%)

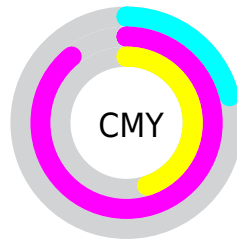


Cyan (0%)

Magenta (87%)

Yellow (31%)

Black (21%)



Cyan (21%)

Magenta (89%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C91B8B 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 C91B8B by changing the saturation by 10% instead.



 C91B8B

 C91B8B

FFFFFF

 AB0071

 FF61C1

 8E0059

 FF7EDD

 710041

 FF9CF9

 54002B

 FFB9FF

 390016

 FFD6FF

 150000

 FFF4FF

 000000

 C91B8B

 C91B8B

 C90784

 C92F92

 C90081

 C94399

 C957A0

 C96BA8

 C980AF

 C994B6

 C9A8BD

 C9BCC4

 C9D0CB

# Harmonies

## Analogous

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



9648C2



C91B8B



D5124E

# Triad

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



C91B8B



657400



0084C5

# Complementary

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



C91B8B



1BC959

# 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.



00868D



C91B8B



007F00

# Square

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



C91B8B



9B5F00



00844D



007CE5

# Rectangle

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



C91B8B



CB3127



00844D



0085B4



# Sweetspot

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



C91B8B



FFBDE7



581BC9



805871



000000



808080



# Same Dimension

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



C91B8B



FF00A4



C91B35



635A60



A30069



240017



# Inverse Universe

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



C91B8B



FF00A4



1BC9AF



635A60



A30069



240017



# Previews

## White Background



This preview shows how the Hex color C91B8B looks on a white background.

## Color Contrast Check

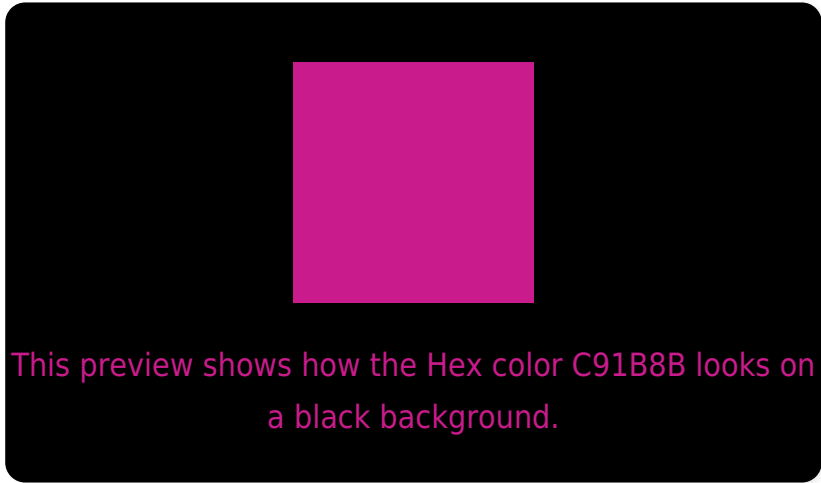
Large Text (above 18pt) WCAG AA ✓ Pass

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 C91B8B Background



This preview shows how black text looks on a background with the Hex color C91B8B.



This preview shows how white text looks on a background with the Hex color C91B8B.

# 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**  
C43B3E

# Trichromacy



**Original Color**  
C91B8B



**Protanomaly**  
754EAE



**Deuteranomaly**  
8F4E85

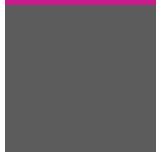


**Tritanomaly**  
C62F5A

# Monochromacy



**Original Color**  
C91B8B



**Achromatopsia**  
5C5C5C



**Achromatomaly**  
84446D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C91B8B 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 #C91B8B looks like.

```
.text, #text, p{  
    color:#C91B8B  
}
```

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 #C91B8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C91B8B
}
```

## Border

The CSS property to change the border of an element to Hex C91B8B 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
#C91B8B }
```

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

```
.border{ border-color:#C91B8B }
```

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

Here you see how a box with a 4 pixel #C91B8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C91B8B; -webkit-box-shadow:4px 4px  
4px 4px #C91B8B; box-shadow:4px 4px 4px  
4px #C91B8B }
```

# Background

The CSS property to change the background color of an element to Hex C91B8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C91B8B }
```

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

```
.background{ background-color:#C91B8B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor