

# Converting Colors

Hex(C93296)

Have a look what the booklet for  
Hex(C93296) contains.

<b>Hex(C93296)</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(C93296)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C93296
RGB	201, 50, 150
RGB Percent	79%, 20%, 59%
CMY	0.2118, 0.8039, 0.4118
CMYK	0.00, 0.75, 0.25, 0.21
HSL	320°, 60%, 49%
HSV	320°, 75%, 79%
XYZ	30.7330, 16.9007, 30.4965
YIQ	106.5490, 57.8960, 63.1120

# Conversions

## Conversions Part 2

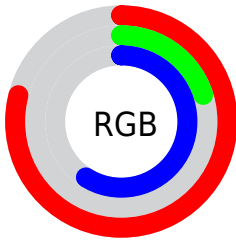
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 50, 150
Decimal	13185686
CIE <sub>Lab</sub>	48.13, 66.74, -20.28
CIE <sub>LCh</sub>	48, 69.753, 343.099
Yxy	16.9007, 0.3934, 0.2163
Android (android.graphics.Color)	4291375766 (0xFFC93296)
YUV	106.5490, 21.4213, 82.8335
Hunter-Lab	41.1105, 61.4981, -15.2051

# Details

The Hex color **C93296** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **32C965**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF6FCC**, and **8F0063** is the 20% darker color. If you saturate the color by 10%, you get **C91E8F**, and if you desaturate by 10%, it is **C9469D**.

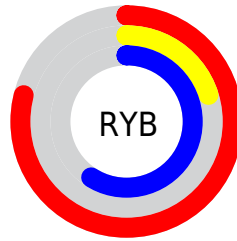
# Distribution



Red (79%)

Green (20%)

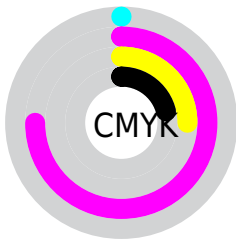
Blue (59%)



Red (79%)

Yellow (20%)

Blue (59%)

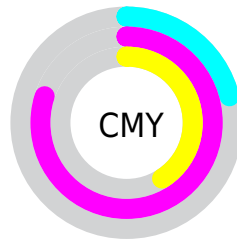


Cyan (0%)

Magenta (75%)

Yellow (25%)

Black (21%)



Cyan (21%)

Magenta (80%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C93296 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 C93296 by changing the saturation by 10% instead.



 C93296

 C93296

FFFFFF

 AC007C

 FF6FCC

 8F0063

 FF8BE9

 72004B

 FFA8FF

 560034

 FFC5FF

 3C001F

 FFE3FF

 1D0001

 000000

 C93296

 C93296

 C91E8F

 C9469D

 C90A88

 C95AA4

 C90085

 C96EAA

 C982B1

 C997B8

 C9ABBF

 C9BFC6

 C9D3CC

 C9E7D3

# Harmonies

## Analogous

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



9355C9



C93296



D8285B

# Triad

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



C93296



737800



008AC2

# Complementary

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



C93296



32C965

# 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.



008C8B



C93296



288404

# Square

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



C93296



A56300



008A4E



0082E4

# Rectangle

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



C93296



D13A35



008A4E



008BB2



# Sweetspot

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



C93296



FFC4EB



6432C9



805C73



000000



808080



# Same Dimension

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



C93296



FF19B1



C9324B



635A60



A3006C



240018



# Inverse Universe

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



C93296



FF19B1



32C9B0



635A60



A3006C



240018



# Previews

## White Background



This preview shows how the Hex color C93296 looks on a white background.

## Color Contrast Check

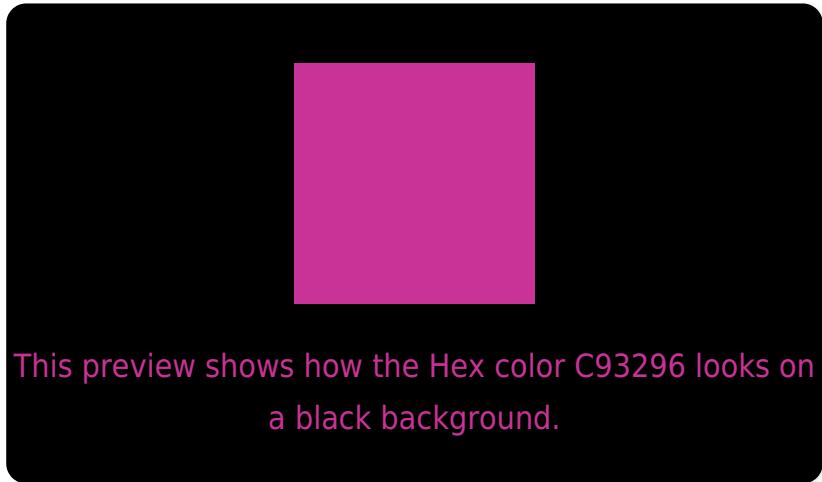
Large Text (above 18pt) WCAG AA ✓ Pass

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 C93296 Background



This preview shows how black text looks on a background with the Hex color C93296.




This preview shows how white text looks on a background with the Hex color C93296.

# 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**  
C3494D

# Trichromacy



**Original Color**  
C93296



**Protanomaly**  
7B59B4



**Deuteranomaly**  
915A91

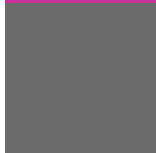


**Tritanomaly**  
C54168

# Monochromacy



**Original Color**  
C93296



**Achromatopsia**  
6B6B6B



**Achromatomaly**  
8D567B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C93296 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 #C93296 looks like.

```
.text, #text, p{  
    color:#C93296  
}
```

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 #C93296 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C93296
}
```

## Border

The CSS property to change the border of an element to Hex C93296 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
#C93296 }
```

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

```
.border{ border-color:#C93296 }
```

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

Here you see how a box with a 4 pixel #C93296 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C93296; -webkit-box-shadow:4px 4px  
4px 4px #C93296; box-shadow:4px 4px 4px  
4px #C93296 }
```

# Background

The CSS property to change the background color of an element to Hex C93296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C93296 }
```

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

```
.background{ background-color:#C93296 }
```

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