

# Converting Colors

Hex(C10085)

Have a look what the booklet for  
Hex(C10085) contains.

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**Color**

**Hex(C10085)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C10085
RGB	193, 0, 133
RGB Percent	76%, 0%, 52%
CMY	0.2431, 1.0000, 0.4784
CMYK	0.00, 1.00, 0.31, 0.24
HSL	319°, 100%, 38%
HSV	319°, 100%, 76%
XYZ	26.2260, 13.0309, 23.3233
YIQ	72.8690, 72.3350, 82.2790

# Conversions

## Conversions Part 2

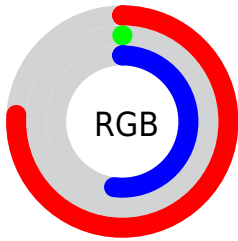
Format	Color
<b>R<sub>Y</sub>B</b>	193, 0, 133
Decimal	12648581
CIE <sub>Lab</sub>	42.81, 72.02, -18.27
CIE <sub>LCh</sub>	43, 74.303, 345.766
Yxy	13.0309, 0.4191, 0.2082
Android (android.graphics.Color)	4290838661 (0xFFC10085)
YUV	72.8690, 29.6446, 105.3549
Hunter-Lab	36.0984, 66.5106, -13.0386

# Details

The Hex color **C10085** 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 **00C13C**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **FE57BA**, and **860053** is the 20% darker color. If you saturate the color by 10%, you get **C10085**, and if you desaturate by 10%, it is **C1138B**.

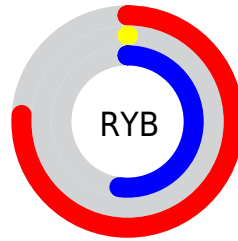
# Distribution



Red (76%)

Green (0%)

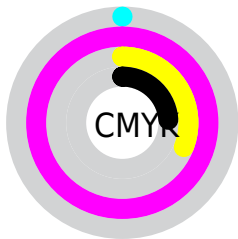
Blue (52%)



Red (76%)

Yellow (0%)

Blue (52%)

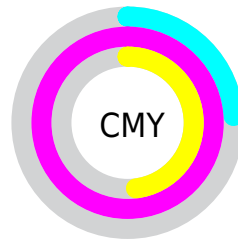


Cyan (0%)

Magenta (100%)

Yellow (31%)

Black (24%)



Cyan (24%)

Magenta (100%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C10085 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 C10085 by changing the saturation by 10% instead.



 C10085

 C10085

FFFFFF

 A3006C

 FE57BA

 860053

 FF75D6

 69003C

 FF92F2

 4D0026

 FFAFFF

 31000F

 FFCDFE

 000000

 FFE8FF

 C10085

 C1138B

 C12791

 C13A97

 C14D9D

 C161A3

 C174A9

 C187AF

 C19AB5

 C1AE8B

# Harmonies

## Analogous

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



8D41BC



C10085



CD0048

# Triad

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



C10085



5E6C00



007DBD

# Complementary

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



C10085



00C13C

# 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.



007E85



C10085



007700

# Square

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



C10085



935800



007D44



0075DE

# Rectangle

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



C10085



C32420



007D44



007EAC



# Sweetspot

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



C10085



FAAFE3



3A00C1



7D506F



FCFCFC



7D7D7D



# Same Dimension

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



C10085



FA00AC



C10027



61575E



A1006F



210017



# Inverse Universe

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



C10085



FA00AC



00C19A



61575E



A1006F



210017



# Previews

## White Background



This preview shows how the Hex color C10085 looks on a white background.

## Color Contrast Check

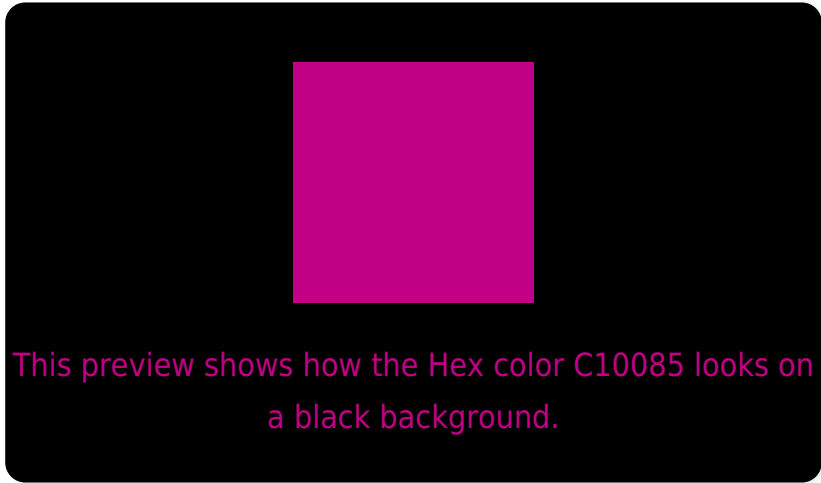
Large Text (above 18pt) WCAG AA ✓ Pass

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 C10085 Background



This preview shows how black text looks on a background with the Hex color C10085.

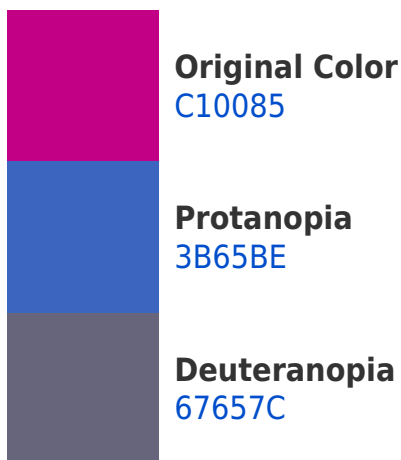


This preview shows how white text looks on a background with the Hex color C10085.

# 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





# Trichromacy



**Original Color**  
C10085



**Protanomaly**  
6C40A9



**Deuteranomaly**  
88407F



**Tritanomaly**  
BE2253

# Monochromacy



**Original Color**  
C10085



**Achromatopsia**  
494949



**Achromatomaly**  
752E5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C10085 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 #C10085 looks like.

```
.text, #text, p{  
    color:#C10085  
}
```

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 #C10085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C10085
}
```

## Border

The CSS property to change the border of an element to Hex C10085 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
#C10085 }
```

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

```
.border{ border-color:#C10085 }
```

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

Here you see how a box with a 4 pixel #C10085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C10085; -webkit-box-shadow:4px 4px  
4px 4px #C10085; box-shadow:4px 4px 4px  
4px #C10085 }
```

# Background

The CSS property to change the background color of an element to Hex C10085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C10085 }
```

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

```
.background{ background-color:#C10085 }
```

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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