

# Converting Colors

Hex(C0458D)

Have a look what the booklet for  
Hex(C0458D) contains.

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**Color**

**Hex(C0458D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C0458D
RGB	192, 69, 141
RGB Percent	75%, 27%, 55%
CMY	0.2471, 0.7294, 0.4471
CMYK	0.00, 0.64, 0.27, 0.25
HSL	325°, 49%, 51%
HSV	325°, 64%, 75%
XYZ	28.6741, 17.3858, 27.0438
YIQ	113.9850, 50.1960, 48.4680

# Conversions

## Conversions Part 2

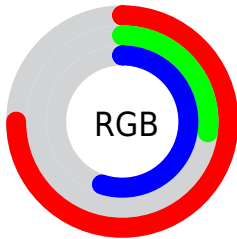
<b>Format</b>	<b>Color</b>
<b>RYB</b>	192, 69, 141
Decimal	12600717
CIELab	48.74, 56.28, -14.09
CIElCh	49, 58.017, 345.941
Yxy	17.3858, 0.3922, 0.2378
Android (android.graphics.Color)	4290790797 (0xFFC0458D)
YUV	113.9850, 13.3184, 68.4192
Hunter-Lab	41.6963, 49.7840, -9.2675

# Details

The Hex color **C0458D** 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 **45C078**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FB7CC3**, and **87005B** is the 20% darker color. If you saturate the color by 10%, you get **C03285**, and if you desaturate by 10%, it is **C05895**.

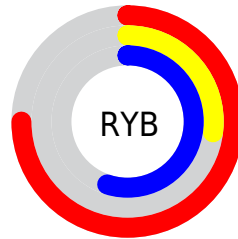
# Distribution



Red (75%)

Green (27%)

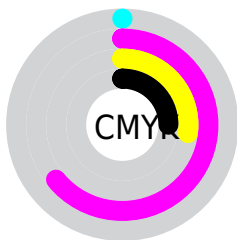
Blue (55%)



Red (75%)

Yellow (27%)

Blue (55%)

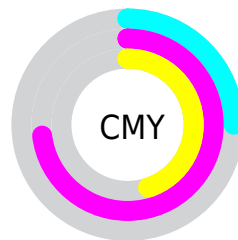


Cyan (0%)

Magenta (64%)

Yellow (27%)

Black (25%)



Cyan (25%)

Magenta (73%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0458D 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 C0458D by changing the saturation by 10% instead.



 C0458D

 C0458D

FFFFFF

 A32773

 FB7CC3

 87005B

 FF98DF

 6B0043

 FFB4FB

 50002D

 FFD1FF

 370019

 FFEEFF

 120000

 000000

 C0458D

 C0458D

 C03285

 C05895

 C01F7D

 C06B9D

 C00B75

 C07FA5

 C00070

 C092AD

 C0A5B5

 C0B8BD

 C0CBC5

 C0DFCD

 C0F2D5

# Harmonies

## Analogous

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



975AB9



C0458D



CB425C

# Triad

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



C0458D



727900



0088BA

# Complementary

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



C0458D



45C078

# 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.



008A8D



C0458D



378429

# Square

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



C0458D



9E6900



00895A



0080D3

# Rectangle

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



C0458D



C44D3D



00895A



0089AC



# Sweetspot

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



C0458D



FACAE6



7645C0



7D6071



FCFCFC



7D7D7D



# Same Dimension

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



C0458D



FA39AA



C04551



61575D



A1005E



210013



# Inverse Universe

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



C0458D



FA39AA



45C0B4



61575D



A1005E



210013



# Previews

## White Background



This preview shows how the Hex color C0458D looks on a white background.

## Color Contrast Check

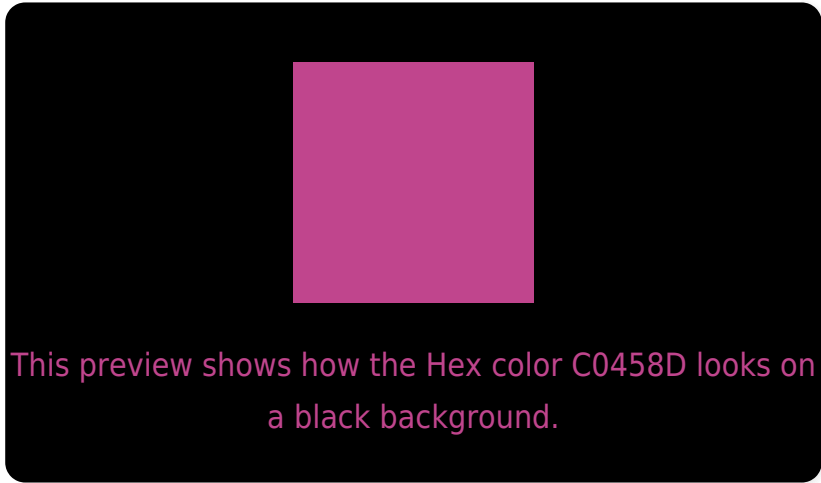
Large Text (above 18pt) WCAG AA ✓ Pass

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 C0458D Background



This preview shows how black text looks on a background with the Hex color C0458D.



This preview shows how white text looks on a background with the Hex color C0458D.

# 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**  
C0458D



**Protanomaly**  
8362A2



**Deuteranomaly**  
926289

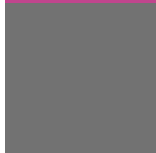


**Tritanomaly**  
BD4D6B

# Monochromacy



**Original Color**  
C0458D



**Achromatopsia**  
727272



**Achromatomaly**  
8E627C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0458D 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 #C0458D looks like.

```
.text, #text, p{  
    color:#C0458D  
}
```

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 #C0458D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0458D
}
```

## Border

The CSS property to change the border of an element to Hex C0458D 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
#C0458D }
```

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

```
.border{ border-color:#C0458D }
```

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

Here you see how a box with a 4 pixel #C0458D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0458D; -webkit-box-shadow:4px 4px  
4px 4px #C0458D; box-shadow:4px 4px 4px  
4px #C0458D }
```

# Background

The CSS property to change the background color of an element to Hex C0458D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0458D }
```

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

```
.background{ background-color:#C0458D }
```

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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