

# Converting Colors

Hex(C37393)

Have a look what the booklet for  
Hex(C37393) contains.

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# **Color**

**Hex(C37393)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C37393
RGB	195, 115, 147
RGB Percent	76%, 45%, 58%
CMY	0.2353, 0.5490, 0.4235
CMYK	0.00, 0.41, 0.25, 0.24
HSL	336°, 40%, 61%
HSV	336°, 41%, 76%
XYZ	33.9029, 25.9702, 30.8296
YIQ	142.5680, 37.4080, 26.9120

# Conversions

## Conversions Part 2

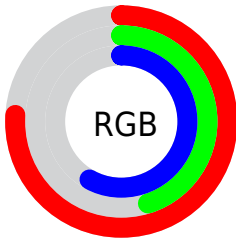
Format	Color
R <sub>Y</sub> B	195, 115, 147
Decimal	12809107
CIE Lab	58.01, 35.59, -3.73
CIE LCh	58, 35.790, 354.019
Yxy	25.9702, 0.3738, 0.2863
Android (android.graphics.Color)	4290999187 (0xFFC37393)
YUV	142.5680, 2.1850, 45.9829
Hunter-Lab	50.9609, 29.5694, -0.1958

# Details

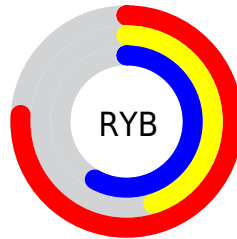
The Hex color **C37393** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **73C3A3**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FDA8C9**, and **8B4061** is the 20% darker color. If you saturate the color by 10%, you get **C36087**, and if you desaturate by 10%, it is **C3869F**.

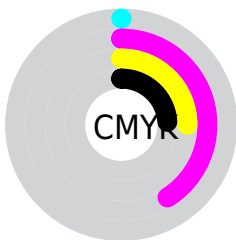
# Distribution



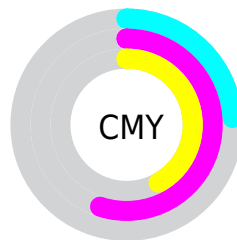
- Red (76%)
- Green (45%)
- Blue (58%)



- Red (76%)
- Yellow (45%)
- Blue (58%)



- Cyan (0%)
- Magenta (41%)
- Yellow (25%)
- Black (24%)



- Cyan (24%)
- Magenta (55%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C37393 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 C37393 by changing the saturation by 10% instead.



 C37393

 C37393

FFFFFF

 A75979

 FDA8C9

 8B4061

 FFC4E5

 702849

 FFE0FF

 560D32

 FFFDFF

 3D001D

 280002

 000000

 C37393

 C37393

 C36087

 C3869F

 C34C7C

 C39AAA

 C33970

 C3AEB6

 C32564

 C3C1C2

 C31259

 C3D5CE

 C3004E

 C3E8D9

 C3FCE5

 C3FFF1

 C3FFFC

# Harmonies

## Analogous

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



AD7AB1



C37393



C87474

# Triad

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



C37393



869151



0098BD

# Complementary

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



C37393



73C3A3

# 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.



009CA4



C37393



619865

# Square

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



C37393



A5874D



339C84



4F90C9

# Rectangle

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



C37393



C27961



339C84



009AB6



# Sweetspot

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



C37393



FCDEEA



A373C3



806E75



000000



808080



# Same Dimension

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



C37393



FC81B2



C37B73



61575B



A10040



21000D



# Inverse Universe

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



C37393



FC81B2



73BBC3



61575B



A10040

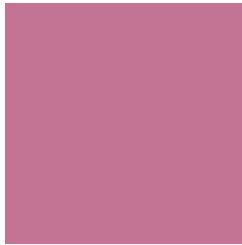


21000D



# Previews

## White Background



This preview shows how the Hex color C37393 looks on a white background.

## Color Contrast Check

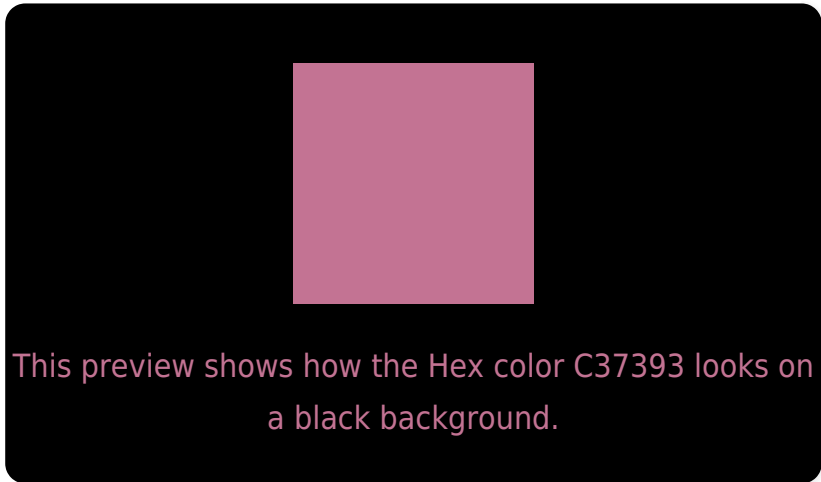
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C37393 Background



This preview shows how black text looks on a background with the Hex color C37393.



This preview shows how white text looks on a background with the Hex color C37393.

# 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**  
C1777F

# Trichromacy



**Original Color**  
C37393

**Protanomaly**  
9D829D

**Deuteranomaly**  
A88090

**Tritanomaly**  
C27686

# Monochromacy



**Original Color**  
C37393

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
A28590

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C37393 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 #C37393 looks like.

```
.text, #text, p{  
    color:#C37393  
}
```

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 #C37393 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C37393
}
```

## Border

The CSS property to change the border of an element to Hex C37393 is called "border". The border property can be set on classes, ids or directly on the HTML element.

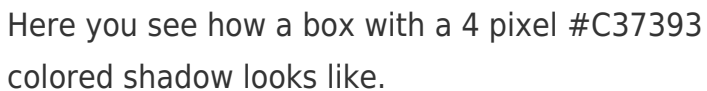
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C37393 }
```

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

```
.border{ border-color:#C37393 }
```

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



Here you see how a box with a 4 pixel #C37393 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C37393; -webkit-box-shadow:4px 4px  
4px 4px #C37393; box-shadow:4px 4px 4px  
4px #C37393 }
```

# Background

The CSS property to change the background color of an element to Hex C37393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C37393 }
```

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

```
.background{ background-color:#C37393 }
```

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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