

# Converting Colors

Hex(C37D8F)

Have a look what the booklet for  
Hex(C37D8F) contains.

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# **Color**

**Hex(C37D8F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C37D8F
RGB	195, 125, 143
RGB Percent	76%, 49%, 56%
CMY	0.2353, 0.5098, 0.4392
CMYK	0.00, 0.36, 0.27, 0.24
HSL	345°, 37%, 63%
HSV	345°, 36%, 76%
XYZ	34.7972, 28.2525, 29.6059
YIQ	147.9820, 35.9420, 20.4380

# Conversions

## Conversions Part 2

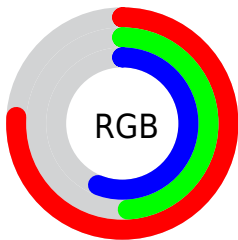
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">195, 125, 143</a>
Decimal	<a href="#">12811663</a>
CIELab	<a href="#">60.12, 29.60, 1.67</a>
CIELCh	<a href="#">60, 29.649, 3.220</a>
Yxy	<a href="#">28.2525, 0.3756, 0.3049</a>
Android (android.graphics.Color)	<a href="#">4291001743 (0xFFC37D8F)</a>
YUV	<a href="#">147.9820, -2.4561, 41.2348</a>
Hunter-Lab	<a href="#">53.1531, 23.8390, 4.1831</a>

# Details

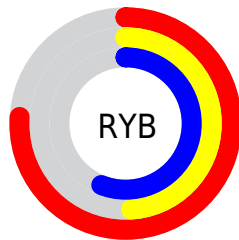
The Hex color **C37D8F** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **7DC3B1**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FDB2C5**, and **8C4B5D** is the 20% darker color. If you saturate the color by 10%, you get **C36A81**, and if you desaturate by 10%, it is **C3919D**.

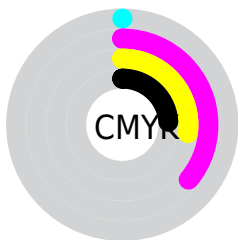
# Distribution



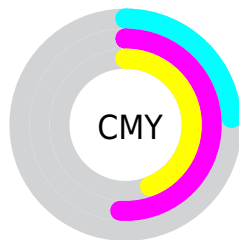
- Red (76%)
- Green (49%)
- Blue (56%)



- Red (76%)
- Yellow (49%)
- Blue (56%)



- Cyan (0%)
- Magenta (36%)
- Yellow (27%)
- Black (24%)



- Cyan (24%)
- Magenta (51%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C37D8F 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 C37D8F by changing the saturation by 10% instead.



 C37D8F

 C37D8F

FFFFFF

 A76375

 FDB2C5

 8C4B5D

 FFC EE1

 713345

 FFE BFD

 571B2F

 3E021A

 2A0001

 000000

 C37D8F

 C37D8F

 C36A81

 C3919D

 C35672

 C3A4AC

 C34364

 C3B7BA

 C32F55

 C3CBC9

 C31B47

 C3DED7

 C30838

 C3F2E6

 C30032

 C3FFF4

 C3FFFF

# Harmonies

## Analogous

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



B481A9



C37D8F



C38076

# Triad

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



C37D8F



849864



4A9ABF

# Complementary

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



C37D8F



7DC3B1

# 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.



359EAD



C37D8F



659D79

# Square

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



C37D8F



A0905C



469F93



7292C5

# Rectangle

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



C37D8F



BC8468



469F93



3F9CBA



# Sweetspot

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



C37D8F



FCE1E8



B07DC3



806F73



000000



808080



# Same Dimension

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



C37D8F



FC90AC



C38D7D



61575A



A10029



210009



# Inverse Universe

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



C37D8F



FC90AC



7DB3C3



61575A



A10029

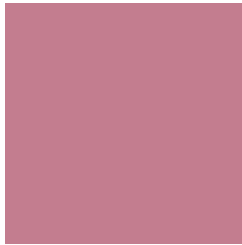


210009



# Previews

## White Background



This preview shows how the Hex color C37D8F looks on a white background.

## Color Contrast Check

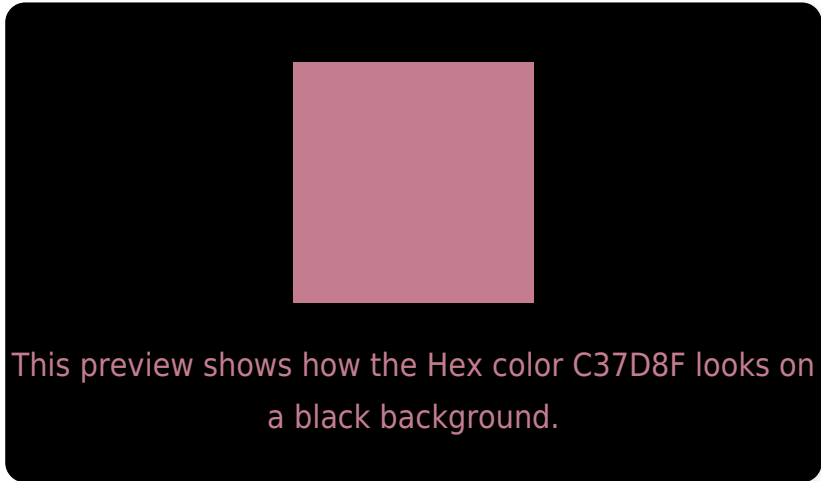
Large Text (above 18pt) WCAG AA ✓ Pass

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 C37D8F Background



This preview shows how black text looks on a background with the Hex color C37D8F.



This preview shows how white text looks on a background with the Hex color C37D8F.

# 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**  
C27E88

# Trichromacy



**Original Color**  
C37D8F

**Protanomaly**  
A38996

**Deuteranomaly**  
AD878D

**Tritanomaly**  
C27E8B

# Monochromacy



**Original Color**  
C37D8F

**Achromatopsia**  
949494

**Achromatomaly**  
A58C92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C37D8F 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 #C37D8F looks like.

```
.text, #text, p{  
    color:#C37D8F  
}
```

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 #C37D8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C37D8F
}
```

## Border

The CSS property to change the border of an element to Hex C37D8F is called "border". The border property can be set on classes, ids or directly on the HTML element.

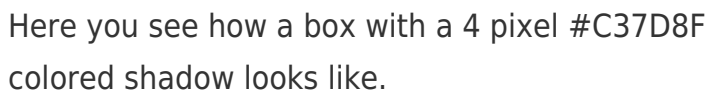
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C37D8F }
```

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

```
.border{ border-color:#C37D8F }
```

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



Here you see how a box with a 4 pixel `#C37D8F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C37D8F; -webkit-box-shadow:4px 4px  
4px 4px #C37D8F; box-shadow:4px 4px 4px  
4px #C37D8F }
```

# Background

The CSS property to change the background color of an element to Hex C37D8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C37D8F }
```

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

```
.background{ background-color:#C37D8F }
```

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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