

Converting Colors

Hex(C37BBA)

Have a look what the booklet for
Hex(C37BBA) contains.

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Color

Hex(C37BBA)

Conversions

Conversions Part 1

Format	Color
Hex	C37BBA
RGB	195, 123, 186
RGB Percent	76%, 48%, 73%
CMY	0.2353, 0.5176, 0.2706
CMYK	0.00, 0.37, 0.05, 0.24
HSL	308°, 37%, 62%
HSV	308°, 37%, 76%
XYZ	38.4516, 29.3132, 50.0858
YIQ	151.7100, 22.6890, 34.8570

Conversions

Conversions Part 2

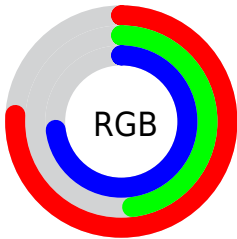
Format	Color
RYB	195, 123, 186
Decimal	12811194
CIELab	61.06, 37.65, -21.53
CIElCh	61, 43.375, 330.238
Yxy	29.3132, 0.3263, 0.2487
Android (android.graphics.Color)	4291001274 (0xFFC37BBA)
YUV	151.7100, 16.9050, 37.9653
Hunter-Lab	54.1417, 32.0233, -16.9493

Details

The Hex color **C37BBA** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **7BC384**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FDB1F2**, and **8C4885** is the 20% darker color. If you saturate the color by 10%, you get **C368B8**, and if you desaturate by 10%, it is **C38FBC**.

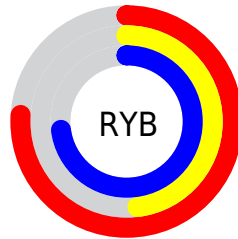
Distribution



Red (76%)

Green (48%)

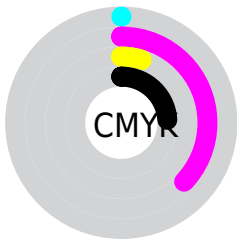
Blue (73%)



Red (76%)

Yellow (48%)

Blue (73%)

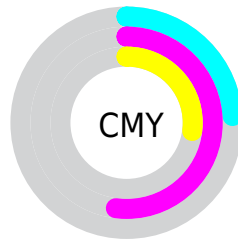


Cyan (0%)

Magenta (37%)

Yellow (5%)

Black (24%)



Cyan (24%)

Magenta (52%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color C37BBA 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 C37BBA by changing the saturation by 10% instead.

 C37BBA

 C37BBA


FFFFFF

 A7619F

 FDB1F2

 8C4885

 FFCDFE

 712F6B

 FFE9FF

 581653

 3F003C

 2A0026

 00010E

 000000

 C37BBA

 C37BBA

 C368B8

 C38FBC

 C354B5

 C3A2BF

 C341B3

 C3B6C1

 C32DB0

 C3C9C4

 C319AE

 C3DCC6

 C306AB

 C3F0C9

 C300AB

 C3FFCB

 C3FFCE

 C3FFD0

Harmonies

Analogous

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



9689D6



C37BBA



D97395

Triad

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



C37BBA



AA9145



00A6B9

Complementary

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



C37BBA



7BC384

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.



00A792



C37BBA



839C4F

Square

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



C37BBA



C98351



52A46C



00A1D5

Rectangle

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



C37BBA



DC757B



52A46C



00A7AD

Sweetspot

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



C37BBA



FCE1F9



837BC3



806F7D



000000



808080

Same Dimension

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



C37BBA



FC8DEF



C37B97



615760



A1008D



21001D

Inverse Universe

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



C37BBA



FC8DEF



7BC3A7



615760



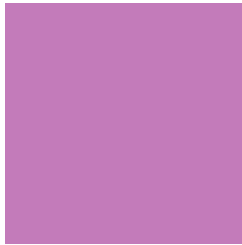
A1008D



21001D

Previews

White Background



This preview shows how the Hex color C37BBA looks on a white background.

Color Contrast Check

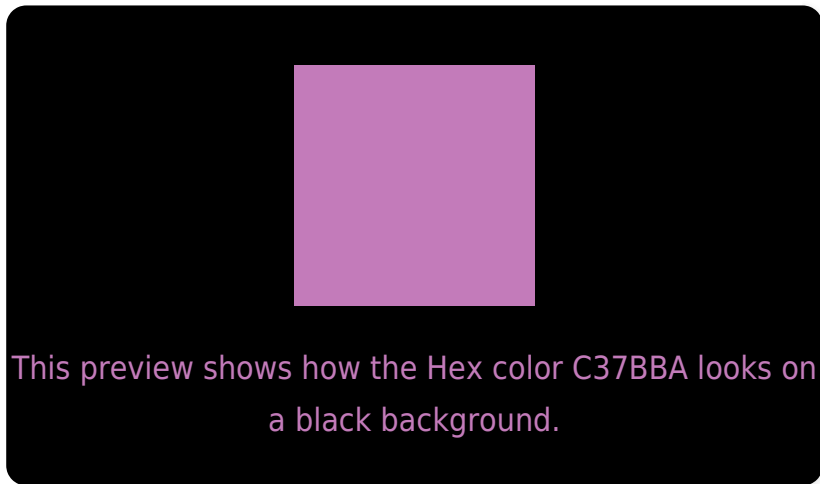
Large Text (above 18pt) WCAG AA ✓ Pass

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

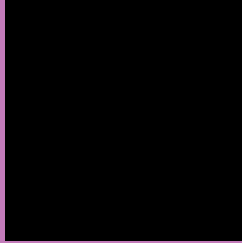
Any Text WCAG AA ✓ Pass

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 C37BBA Background



This preview shows how black text looks on a background with the Hex color C37BBA.

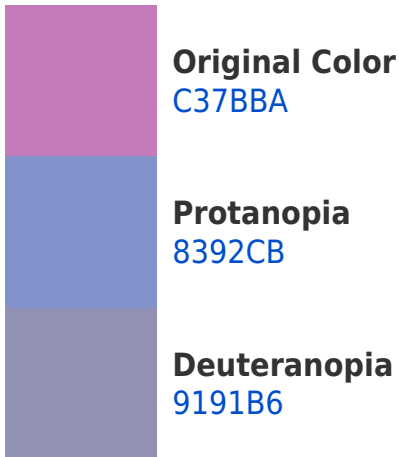


This preview shows how white text looks on a background with the Hex color C37BBA.

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
BD848E

Trichromacy



Original Color
C37BBA



Protanomaly
9A8AC5



Deuteranomaly
A389B7



Tritanomaly
BF819E

Monochromacy



Original Color
C37BBA



Achromatopsia
989898



Achromatomaly
A88DA4

CSS Examples

Text

The CSS property to change the color of the text to Hex C37BBA 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 #C37BBA looks like.

```
.text, #text, p{  
    color:#C37BBA  
}
```

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 #C37BBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C37BBA
}
```

Border

The CSS property to change the border of an element to Hex C37BBA is called "border". The border property can be set on classes, ids or directly on the HTML element.

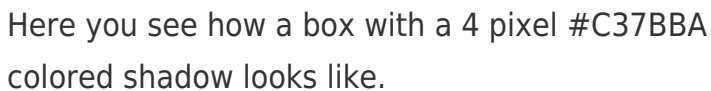
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C37BBA }
```

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

```
.border{ border-color:#C37BBA }
```

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



Here you see how a box with a 4 pixel `#C37BBA` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C37BBA; -webkit-box-shadow:4px 4px  
4px 4px #C37BBA; box-shadow:4px 4px 4px  
4px #C37BBA }
```

Background

The CSS property to change the background color of an element to Hex C37BBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C37BBA }
```

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

```
.background{ background-color:#C37BBA }
```

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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