

Converting Colors

Hex(C37DB4)

Have a look what the booklet for
Hex(C37DB4) contains.

Hex(C37DB4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C37DB4)

Conversions

Conversions Part 1

Format	Color
Hex	C37DB4
RGB	195, 125, 180
RGB Percent	76%, 49%, 71%
CMY	0.2353, 0.5098, 0.2941
CMYK	0.00, 0.36, 0.08, 0.24
HSL	313°, 37%, 63%
HSV	313°, 36%, 76%
XYZ	38.0775, 29.5646, 46.8797
YIQ	152.2000, 24.0650, 31.9450

Conversions

Conversions Part 2

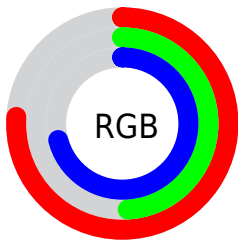
Format	Color
RYB	195, 125, 180
Decimal	12811700
CIELab	61.28, 35.50, -17.79
CIELCh	61, 39.709, 333.391
Yxy	29.5646, 0.3325, 0.2582
Android (android.graphics.Color)	4291001780 (0xFFC37DB4)
YUV	152.2000, 13.7054, 37.5356
Hunter-Lab	54.3734, 29.8497, -13.0573

Details

The Hex color **C37DB4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **7DC38C**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FDB3EC**, and **8C4A7F** is the 20% darker color. If you saturate the color by 10%, you get **C36AB0**, and if you desaturate by 10%, it is **C391B8**.

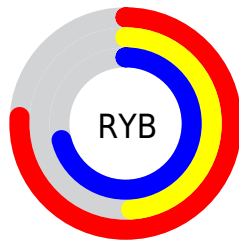
Distribution



Red (76%)

Green (49%)

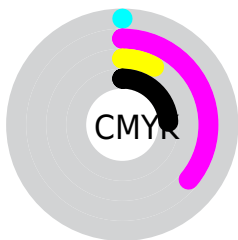
Blue (71%)



Red (76%)

Yellow (49%)

Blue (71%)

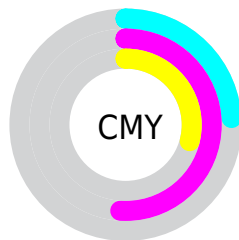


Cyan (0%)

Magenta (36%)

Yellow (8%)

Black (24%)



Cyan (24%)

Magenta (51%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color C37DB4 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 C37DB4 by changing the saturation by 10% instead.

 C37DB4

 C37DB4

FFFFFF

 A76399

 FDB3EC

 8C4A7F

 FFCFFF


 723266

 FFEBFF

 58194E

 3F0037

 2A0022

 000007

 000000

 C37DB4

 C37DB4

 C36AB0

 C391B8

 C356AC

 C3A4BC

 C343A7

 C3B7C1

 C32FA3

 C3CBC5

 C31B9F

 C3DEC9

 C3089B

 C3F2CD

 C30099

 C3FFD1

 C3FFD5

 C3FFDA

Harmonies

Analogous

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



9C89CF



C37DB4



D67791

Triad

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



C37DB4



A6934C



00A5B9

Complementary

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



C37DB4



7DC38C

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.



00A697



C37DB4



819D58

Square

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



C37DB4



C38756



55A473



00A0D2

Rectangle

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



C37DB4



D7797A



55A473



00A6AF

Sweetspot

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



C37DB4



FCE1F6



8B7DC3



806F7C



000000



808080

Same Dimension

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



C37DB4



FC90E5



C37D92



61575F



A1007E



21001A

Inverse Universe

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



C37DB4



FC90E5



7DC3AE



61575F



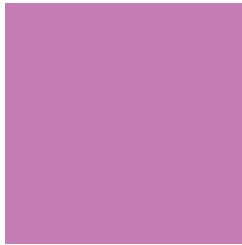
A1007E



21001A

Previews

White Background



This preview shows how the Hex color C37DB4 looks on a white background.

Color Contrast Check

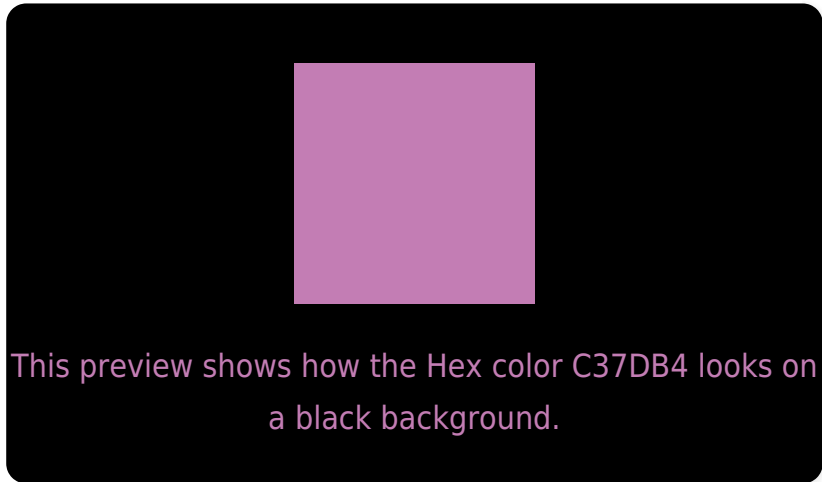
Large Text (above 18pt) WCAG AA ✓ Pass

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

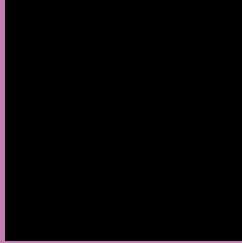
Any Text WCAG AA ✓ Pass

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 C37DB4 Background



This preview shows how black text looks on a background with the Hex color C37DB4.

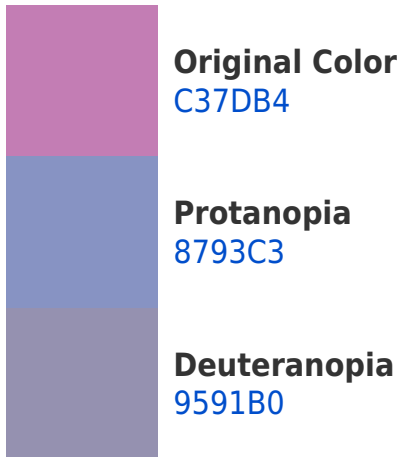


This preview shows how white text looks on a background with the Hex color C37DB4.

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](#).

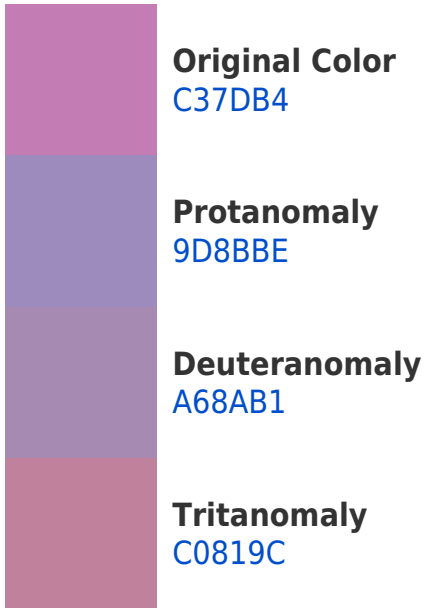
Dichromacy



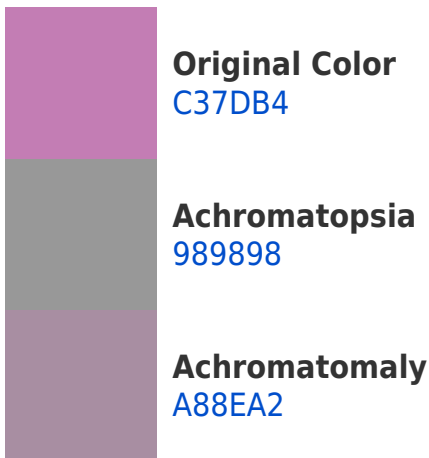


Tritanopia
BE848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C37DB4 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 #C37DB4 looks like.

```
.text, #text, p{  
    color:#C37DB4  
}
```

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 #C37DB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C37DB4
}
```

Border

The CSS property to change the border of an element to Hex C37DB4 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
#C37DB4 }
```

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

```
.border{ border-color:#C37DB4 }
```

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

Here you see how a box with a 4 pixel #C37DB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C37DB4; -webkit-box-shadow:4px 4px  
4px 4px #C37DB4; box-shadow:4px 4px 4px  
4px #C37DB4 }
```

Background

The CSS property to change the background color of an element to Hex C37DB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C37DB4 }
```

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

```
.background{ background-color:#C37DB4 }
```

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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