

Converting Colors

Hex(C37FA8)

Have a look what the booklet for
Hex(C37FA8) contains.

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Color

Hex(C37FA8)

Conversions

Conversions Part 1

Format	Color
Hex	C37FA8
RGB	195, 127, 168
RGB Percent	76%, 50%, 66%
CMY	0.2353, 0.5020, 0.3412
CMYK	0.00, 0.35, 0.14, 0.24
HSL	324°, 36%, 63%
HSV	324°, 35%, 76%
XYZ	37.1629, 29.6080, 40.8020
YIQ	152.0060, 27.3670, 27.1670

Conversions

Conversions Part 2

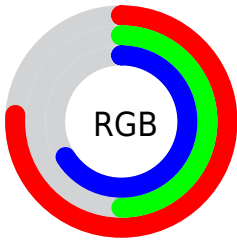
Format	Color
R_{YB}	195, 127, 168
Decimal	12812200
CIE _{Lab}	61.31, 32.37, -10.89
CIE _{LCh}	61, 34.148, 341.404
Yxy	29.6080, 0.3455, 0.2752
Android (android.graphics.Color)	4291002280 (0xFFC37FA8)
YUV	152.0060, 7.8850, 37.7057
Hunter-Lab	54.4132, 26.6881, -6.3696

Details

The Hex color **C37FA8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **7FC39A**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FDB5DF**, and **8C4C74** is the 20% darker color. If you saturate the color by 10%, you get **C36CA0**, and if you desaturate by 10%, it is **C393B0**.

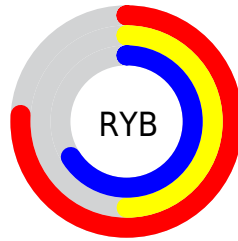
Distribution



Red (76%)

Green (50%)

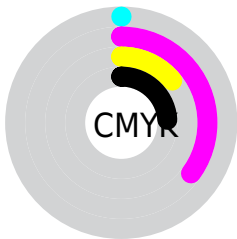
Blue (66%)



Red (76%)

Yellow (50%)

Blue (66%)

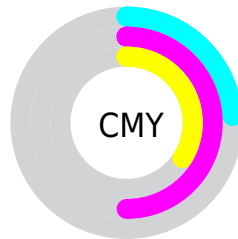


Cyan (0%)

Magenta (35%)

Yellow (14%)

Black (24%)



Cyan (24%)

Magenta (50%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color C37FA8 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 C37FA8 by changing the saturation by 10% instead.

 C37FA8

 C37FA8

FFFFFF

 A7658E

 FDB5DF

 8C4C74

 FFD1FC

 72345B

 FFEDFF

 581C44

 3F022E

 2A0019

 000000

 C37FA8

 C37FA8

 C36CA0

 C393B0

 C35899

 C3A6B7

 C34591

 C3BABF

 C33189

 C3CDC7

 C31E81

 C3E1CF

 C30A7A

 C3F4D6

 C30076

 C3FFDE

 C3FFE6

 C3FFEE

Harmonies

Analogous

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



A688C1



C37FA8



CF7D89

Triad

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



C37FA8



9D9658



10A2BB

Complementary

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



C37FA8



7FC39A

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.



29A49F



C37FA8



7B9E66

Square

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



C37FA8



B88C5B



55A380



469CCD

Rectangle

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



C37FA8



CD7F76



55A380



0CA3B2

Sweetspot

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



C37FA8



FCE3F2



997FC3



807079



000000



808080

Same Dimension

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



C37FA8



FC92D2



C37F87



61575D



A10061



210014

Inverse Universe

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



C37FA8



FC92D2



7FC3BB



61575D



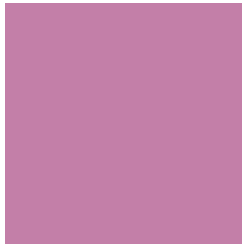
A10061



210014

Previews

White Background



This preview shows how the Hex color C37FA8 looks on a white background.

Color Contrast Check

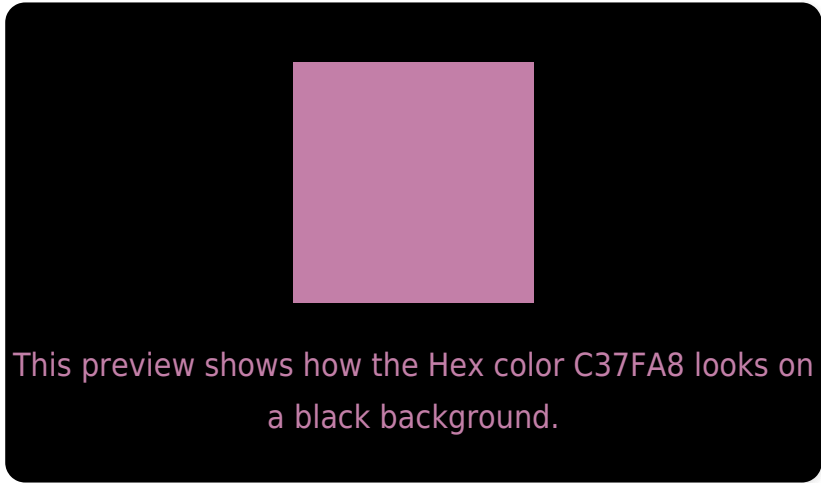
Large Text (above 18pt) WCAG AA ✓ Pass

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 C37FA8 Background



This preview shows how black text looks on a background with the Hex color C37FA8.

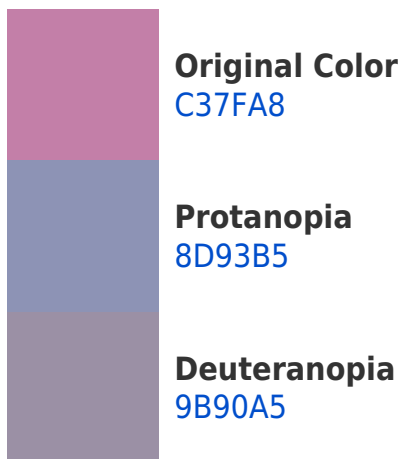


This preview shows how white text looks on a background with the Hex color C37FA8.

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](#).

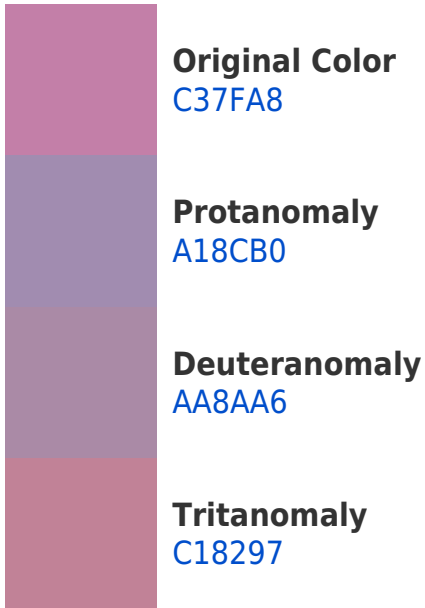
Dichromacy



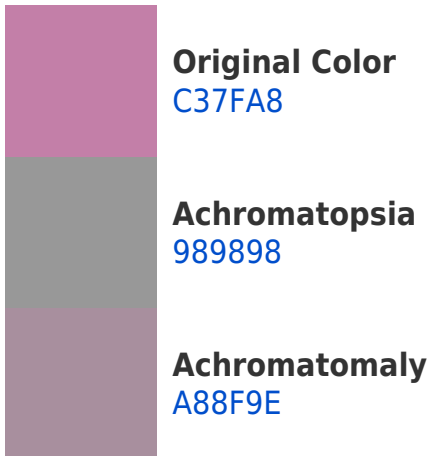


Tritanopia
C0848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C37FA8 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 #C37FA8 looks like.

```
.text, #text, p{  
    color:#C37FA8  
}
```

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 #C37FA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C37FA8
}
```

Border

The CSS property to change the border of an element to Hex C37FA8 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
#C37FA8 }
```

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

```
.border{ border-color:#C37FA8 }
```

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

Here you see how a box with a 4 pixel #C37FA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C37FA8; -webkit-box-shadow:4px 4px  
4px 4px #C37FA8; box-shadow:4px 4px 4px  
4px #C37FA8 }
```

Background

The CSS property to change the background color of an element to Hex C37FA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C37FA8 }
```

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

```
.background{ background-color:#C37FA8 }
```

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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