

Converting Colors

Hex(C37BF8)

Have a look what the booklet for
Hex(C37BF8) contains.

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Color

Hex(C37BF8)

Conversions

Conversions Part 1

Format	Color
Hex	C37BF8
RGB	195, 123, 248
RGB Percent	76%, 48%, 97%
CMY	0.2353, 0.5176, 0.0275
CMYK	0.21, 0.50, 0.00, 0.03
HSL	275°, 90%, 73%
HSV	275°, 50%, 97%
XYZ	46.5319, 32.5453, 92.6363
YIQ	158.7780, 2.7870, 54.1390

Conversions

Conversions Part 2

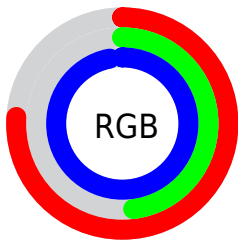
Format	Color
R _Y B	195, 123, 248
Decimal	12811256
CIE Lab	63.79, 50.14, -51.94
CIE LCh	64, 72.196, 313.991
Yxy	32.5453, 0.2710, 0.1895
Android (android.graphics.Color)	4291001336 (0xFFC37BF8)
YUV	158.7780, 43.9864, 31.7667
Hunter-Lab	57.0485, 45.7595, -56.3421

Details

The Hex color **C37BF8** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B0F87B**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FEB1FF**, and **8A47BF** is the 20% darker color. If you saturate the color by 10%, you get **B862F8**, and if you desaturate by 10%, it is **CE94F8**.

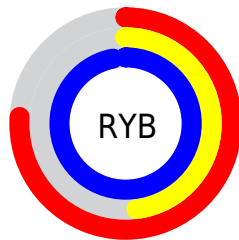
Distribution



Red (76%)

Green (48%)

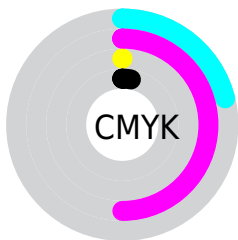
Blue (97%)



Red (76%)

Yellow (48%)

Blue (97%)

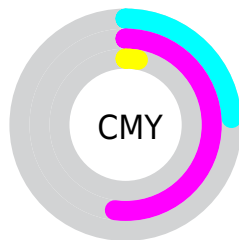


Cyan (21%)

Magenta (50%)

Yellow (0%)

Black (3%)



Cyan (24%)

Magenta (52%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color C37BF8 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 C37BF8 by changing the saturation by 10% instead.

 C37BF8

 C37BF8

FFFFFF

 A661DB

 FEB1FF

 8A47BF

 FFCDFE

 6F2DA3

 FFEAFF

 531089

 38006F

 1C0055

 00003D

 000326

 000110

 C37BF8

 C37BF8

 B862F8

 CE94F8

 AE49F8

 D8ADF8

 A331F8

 E3C5F8

 9918F8

 EDDEF8

 8F00F8

 F8F7F8

 FFFFF8

Harmonies

Analogous

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



4298FF



C37BF8



FC5EC0

Triad

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



C37BF8



D58B00



00B8B8

Complementary

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



C37BF8



B0F87B

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.



00B675



C37BF8



9DA100

Square

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



C37BF8



FD6E43



51AF34



00B5F3

Rectangle

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



C37BF8



FF5695



51AF34



00B8A2

Sweetspot

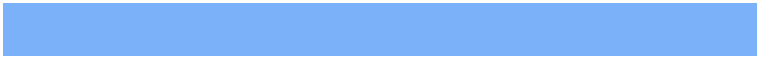
The Sweet Spot groups the original color and five complimentary colors.



C37BF8



EFD9FF



7BB1F8



766980



000000



808080

Same Dimension

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



C37BF8



BE66FF



F87BF0



78707D



6D00BD



23003D

Inverse Universe

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



F87BB0



FF66A7



7BF883



7D7076



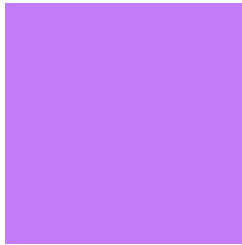
BD0050



3D001A

Previews

White Background



This preview shows how the Hex color C37BF8 looks on a white background.

Color Contrast Check

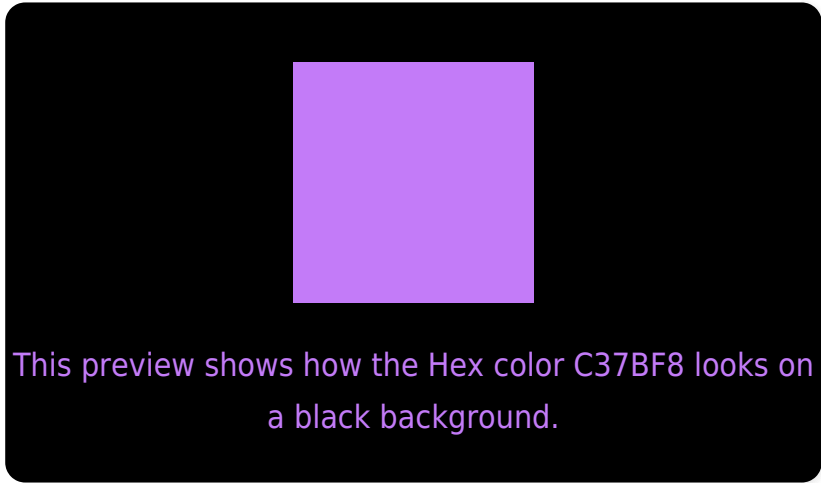
Large Text (above 18pt) WCAG AA × Fail

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

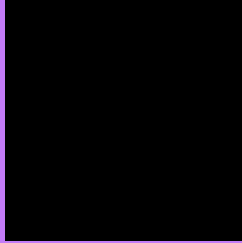
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex C37BF8 Background



This preview shows how black text looks on a background with the Hex color C37BF8.

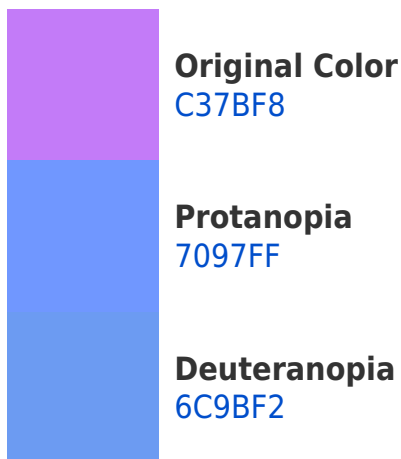



This preview shows how white text looks on a background with the Hex color C37BF8.

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](#).

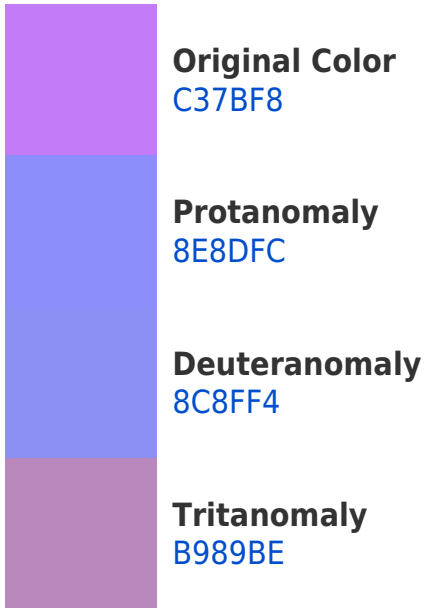
Dichromacy



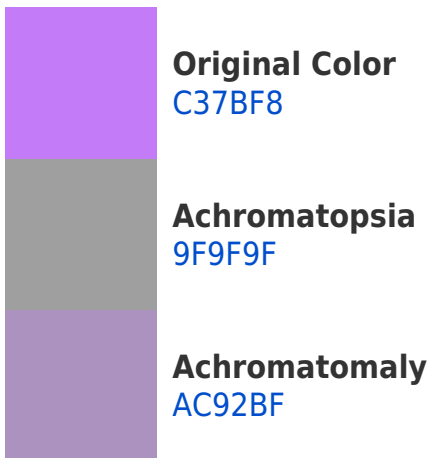


Tritanopia
B4919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C37BF8 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 #C37BF8 looks like.

```
.text, #text, p{  
    color:#C37BF8  
}
```

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 #C37BF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C37BF8
}
```

Border

The CSS property to change the border of an element to Hex C37BF8 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
#C37BF8 }
```

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

```
.border{ border-color:#C37BF8 }
```

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

Here you see how a box with a 4 pixel #C37BF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C37BF8; -webkit-box-shadow:4px 4px  
4px 4px #C37BF8; box-shadow:4px 4px 4px  
4px #C37BF8 }
```

Background

The CSS property to change the background color of an element to Hex C37BF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C37BF8 }
```

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

```
.background{ background-color:#C37BF8 }
```

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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