

Converting Colors

Hex(C37CF6)

Have a look what the booklet for
Hex(C37CF6) contains.

Hex(C37CF6)	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(C37CF6)

Conversions

Conversions Part 1

Format	Color
Hex	C37CF6
RGB	195, 124, 246
RGB Percent	76%, 49%, 96%
CMY	0.2353, 0.5137, 0.0353
CMYK	0.21, 0.50, 0.00, 0.04
HSL	275°, 87%, 73%
HSV	275°, 50%, 96%
XYZ	46.3479, 32.6712, 91.0522
YIQ	159.1370, 3.1540, 52.9940

Conversions

Conversions Part 2

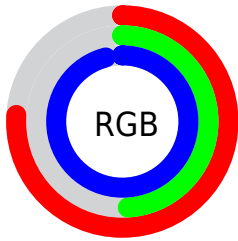
Format	Color
R _Y B	195, 124, 246
Decimal	12811510
CIE Lab	63.89, 49.18, -50.68
CIE LCh	64, 70.618, 314.141
Yxy	32.6712, 0.2725, 0.1921
Android (android.graphics.Color)	4291001590 (0xFFC37CF6)
YUV	159.1370, 42.8235, 31.4519
Hunter-Lab	57.1587, 44.7111, -54.4360

Details

The Hex color **C37CF6** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **AFF67C**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FEB2FF**, and **8B48BD** is the 20% darker color. If you saturate the color by 10%, you get **B963F6**, and if you desaturate by 10%, it is **CD95F6**.

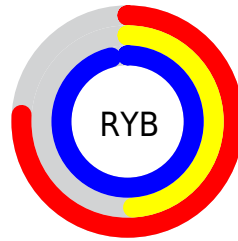
Distribution



Red (76%)

Green (49%)

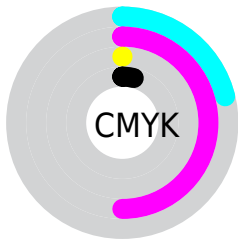
Blue (96%)



Red (76%)

Yellow (49%)

Blue (96%)

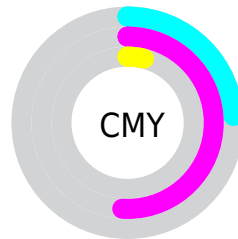


Cyan (21%)

Magenta (50%)

Yellow (0%)

Black (4%)



Cyan (24%)

Magenta (51%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color C37CF6 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 C37CF6 by changing the saturation by 10% instead.

 C37CF6

 C37CF6

FFFFFF

 A662D9

 FEB2FF

 8B48BD

 FFCEFF

 6F2EA2

 FFE8FF

 541287

 39006D

 1D0054

 00003C

 000225

 00010D

 C37CF6

 C37CF6

 B963F6

 CD95F6

 AE4BF6

 D8ADF6

 A432F6

 E2C6F6

 9A1AF6

 ECDEF6

 9001F6

 F6F7F6

 8F00F6

 FFFFF6

Harmonies

Analogous

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



4A98FF



C37CF6



FB61BF

Triad

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



C37CF6



D48C09



00B8B8

Complementary

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



C37CF6



AFF67C

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.



00B676



C37CF6



9DA100

Square

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



C37CF6



FC7045



53AF38



00B5F1

Rectangle

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



C37CF6



FF5995



53AF38



00B8A2

Sweetspot

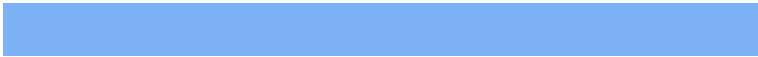
The Sweet Spot groups the original color and five complimentary colors.



C37CF6



EFD9FF



7CB1F6



766980



000000



808080

Same Dimension

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



C37CF6



BF66FF



F67CEE



756E7A



6C00BA



22003B

Inverse Universe

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



F67CAF



FF66A6



7CF684



7A6E73



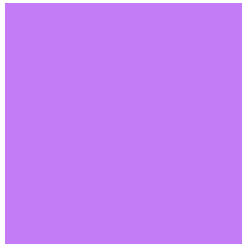
BA004E



3B0019

Previews

White Background



This preview shows how the Hex color C37CF6 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

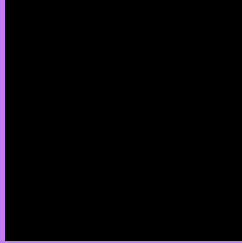
Any Text WCAG AA ✓ Pass

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 C37CF6 Background



This preview shows how black text looks on a background with the Hex color C37CF6.




This preview shows how white text looks on a background with the Hex color C37CF6.

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](#).

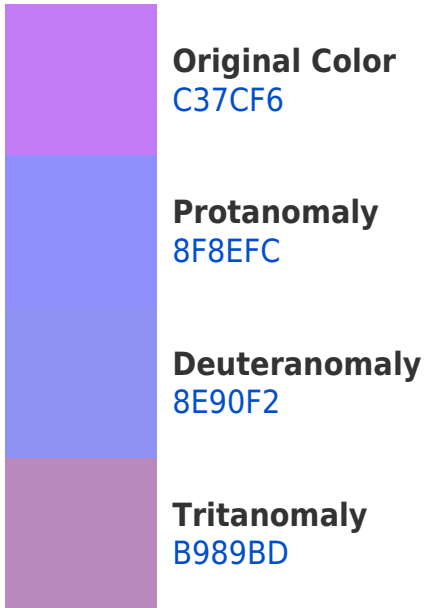
Dichromacy



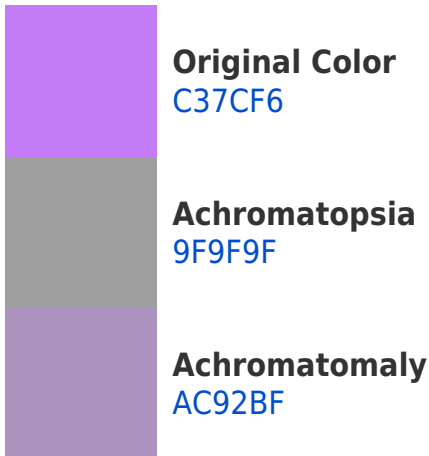


Tritanopia
B4919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C37CF6 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 #C37CF6 looks like.

```
.text, #text, p{  
    color:#C37CF6  
}
```

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 #C37CF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C37CF6
}
```

Border

The CSS property to change the border of an element to Hex C37CF6 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
#C37CF6 }
```

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

```
.border{ border-color:#C37CF6 }
```

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

Here you see how a box with a 4 pixel #C37CF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C37CF6; -webkit-box-shadow:4px 4px  
4px 4px #C37CF6; box-shadow:4px 4px 4px  
4px #C37CF6 }
```

Background

The CSS property to change the background color of an element to Hex C37CF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C37CF6 }
```

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

```
.background{ background-color:#C37CF6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor