

Converting Colors

Hex(C167FF)

Have a look what the booklet for
Hex(C167FF) contains.

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Color

Hex(C167FF)

Conversions

Conversions Part 1

Format	Color
Hex	C167FF
RGB	193, 103, 255
RGB Percent	76%, 40%, 100%
CMY	0.2431, 0.5961, 0.0000
CMYK	0.24, 0.60, 0.00, 0.00
HSL	276°, 100%, 70%
HSV	276°, 60%, 100%
XYZ	44.8926, 28.2580, 97.6960
YIQ	147.2380, 4.8480, 66.3520

Conversions

Conversions Part 2

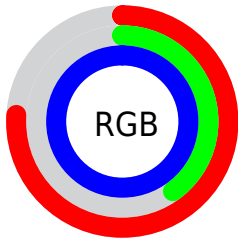
Format	Color
RYB	193, 103, 255
Decimal	12675071
CIELab	60.12, 61.28, -61.66
CIELCh	60, 86.930, 314.823
Yxy	28.2580, 0.2628, 0.1654
Android (android.graphics.Color)	4290865151 (0xFFC167FF)
YUV	147.2380, 53.1267, 40.1333
Hunter-Lab	53.1582, 57.7179, -71.7544

Details

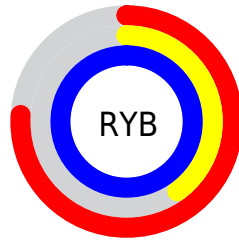
The Hex color **C167FF** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **A5FF67**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FD9EFF**, and **8730C5** is the 20% darker color. If you saturate the color by 10%, you get **B74EFF**, and if you desaturate by 10%, it is **CB81FF**.

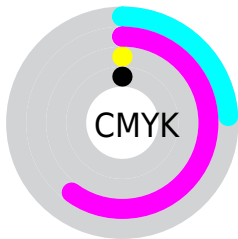
Distribution



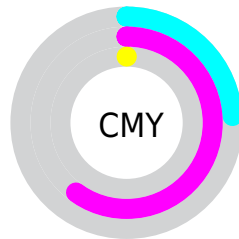
- Red (76%)
- Green (40%)
- Blue (100%)



- Red (76%)
- Yellow (40%)
- Blue (100%)



- Cyan (24%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color C167FF 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 C167FF by changing the saturation by 10% instead.

 C167FF

FFFFFF

 FD9EFF

 FFBAFF

 FFD7FF

 FFF4FF

 C167FF

 A44CE2

 8730C5

 6B0DAA

 4E008E

 300074

 13005B

 000042

 00032B

 000115

 C167FF

 C167FF

 B74EFF

 CB81FF

 AC34FF

 D69AFF

 A21AFF

 E0B3FF

 9701FF

 EBCDFF

 9700FF

 F5E7FF

FFFFFF

Harmonies

Analogous

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



008EFF



C167FF



FF35BB

Triad

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



C167FF



CF7F00



00B2B6

Complementary

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



C167FF



A5FF67

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.



00AF66



C167FF



8C9900

Square

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



C167FF



FF5723



1BA800



00AFFC

Rectangle

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



C167FF



FF2188



1BA800



00B19C

Sweetspot

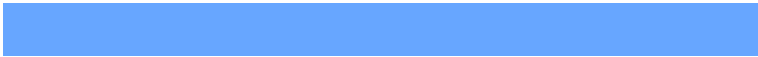
The Sweet Spot groups the original color and five complimentary colors.



C167FF



ECD1FF



67A6FF



746380



000000



808080

Same Dimension

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



C167FF



B447FF



FF67F2



7A7380



7100BF



260040

Inverse Universe

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



FF67A5



FF4792



67FF74



807378



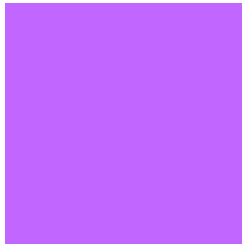
BF004E



40001A

Previews

White Background



This preview shows how the Hex color C167FF 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

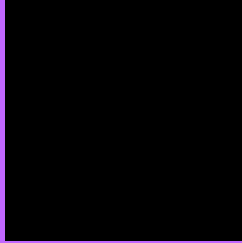
Any Text WCAG AA ✓ Pass

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 C167FF Background



This preview shows how black text looks on a background with the Hex color C167FF.

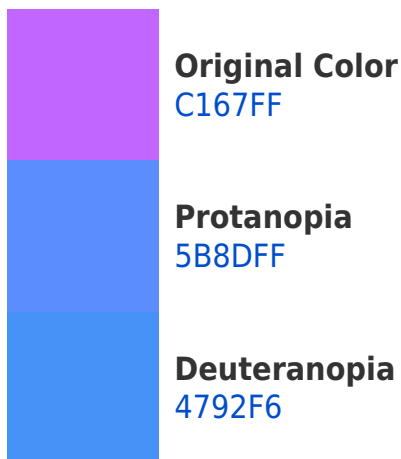


This preview shows how white text looks on a background with the Hex color C167FF.

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](#).

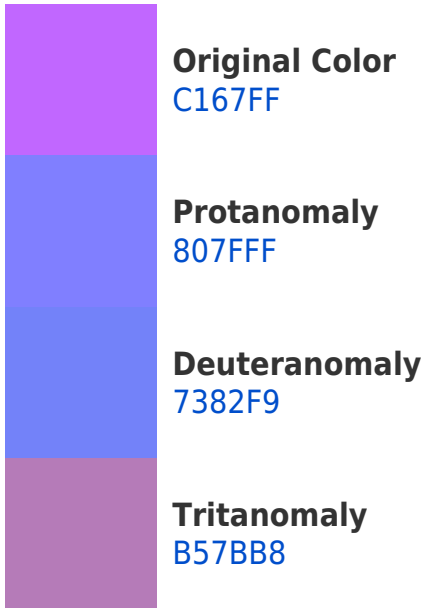
Dichromacy



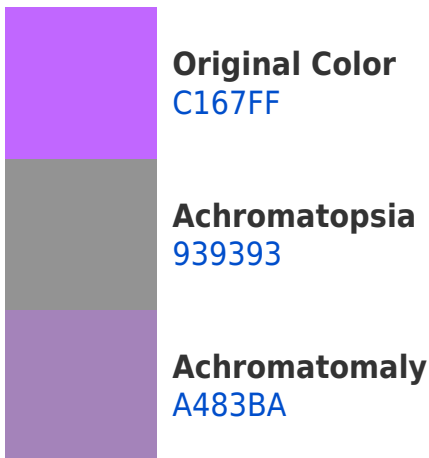


Tritanopia
AE8690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C167FF 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 #C167FF looks like.

```
.text, #text, p{  
    color:#C167FF  
}
```

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 #C167FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C167FF  
}
```

Border

The CSS property to change the border of an element to Hex C167FF 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  
#C167FF }
```

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

```
.border{ border-color:#C167FF }
```

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

Here you see how a box with a 4 pixel #C167FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C167FF; -webkit-box-shadow:4px 4px  
4px 4px #C167FF; box-shadow:4px 4px 4px  
4px #C167FF }
```

Background

The CSS property to change the background color of an element to Hex C167FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C167FF }
```

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

```
.background{ background-color:#C167FF }
```

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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