

# Converting Colors

Hex(C699FF)

Have a look what the booklet for  
Hex(C699FF) contains.

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# **Color**

**Hex(C699FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C699FF
RGB	198, 153, 255
RGB Percent	78%, 60%, 100%
CMY	0.2235, 0.4000, 0.0000
CMYK	0.22, 0.40, 0.00, 0.00
HSL	266°, 100%, 80%
HSV	266°, 40%, 100%
XYZ	52.7299, 42.0082, 99.9370
YIQ	178.0830, -5.9220, 41.2620

# Conversions

## Conversions Part 2

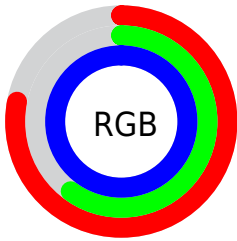
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">198, 153, 255</a>
Decimal	<a href="#">13015551</a>
CIELab	<a href="#">70.88, 36.38, -44.58</a>
CIElCh	<a href="#">71, 57.536, 309.214</a>
Yxy	<a href="#">42.0082, 0.2709, 0.2158</a>
Android (android.graphics.Color)	<a href="#">4291205631 (0xFFC699FF)</a>
YUV	<a href="#">178.0830, 37.9201, 17.4672</a>
Hunter-Lab	<a href="#">64.8138, 31.7965, -46.0502</a>

# Details

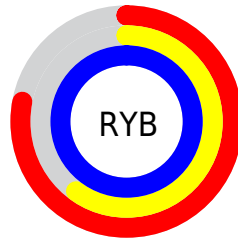
The Hex color **C699FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **D2FF99**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFD0FF**, and **8E65C6** is the 20% darker color. If you saturate the color by 10%, you get **B880FF**, and if you desaturate by 10%, it is **D4B3FF**.

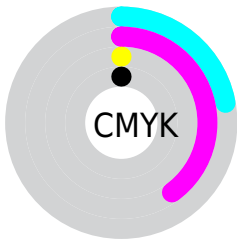
# Distribution



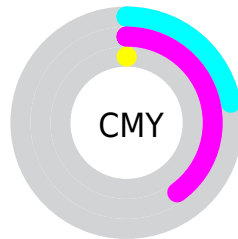
- Red (78%)
- Green (60%)
- Blue (100%)



- Red (78%)
- Yellow (60%)
- Blue (100%)



- Cyan (22%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (40%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C699FF 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 C699FF by changing the saturation by 10% instead.



 C699FF

FFFFFF

 FFD0FF

 FFECFF

 C699FF

 AA7FE2

 8E65C6

 734CAA

 58358F

 3E1D75

 23055C

 0B0044

 00032D

 000117

 C699FF

 C699FF

 B880FF

 D4B3FF

 AA66FF

 E3CCFF

 9B4DFF

 F1E6FF

 8D33FF

FFFFFF

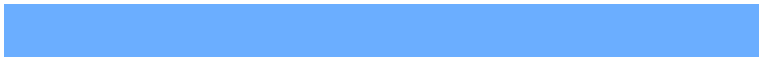
 7F19FF

 7100FF

# Harmonies

## Analogous

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



6BAEFF



C699FF



FA86D4

# Triad

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



C699FF



E99D4A



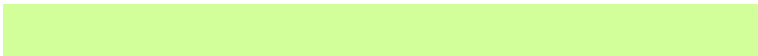
00C8BD

# Complementary

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



C699FF



D2FF99

# 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.



27C586



C699FF



BCB040

# Square

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



C699FF



FF8A6E



83BD58



00C5EE

# Rectangle

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



C699FF



FF7FB1



83BD58



00C7AA



# Sweetspot

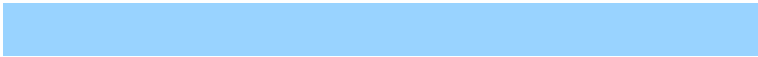
The Sweet Spot groups the original color and five complimentary colors.



C699FF



EEE0FF



99D3FF



766E80



000000



808080



# Same Dimension

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



C699FF



BB85FF



F899FF



787380



5400BF



1C0040



# Inverse Universe

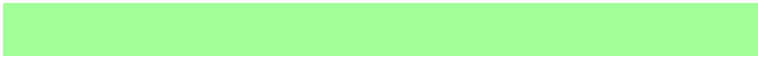
The Inverse Universe completely reimagines the original color for something new.



FF99D2



FF85C9



A0FF99



80737A



BF006B

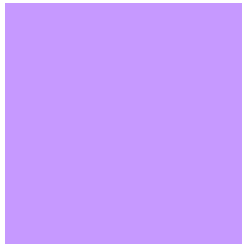


400024



# Previews

## White Background



This preview shows how the Hex color C699FF 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

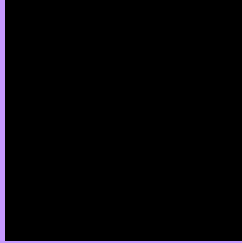
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C699FF Background



This preview shows how black text looks on a background with the Hex color C699FF.

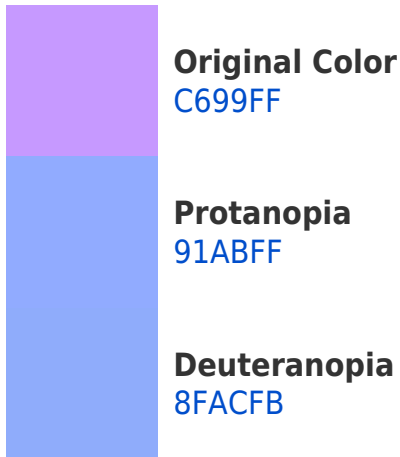


This preview shows how white text looks on a background with the Hex color C699FF.

# 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](#).

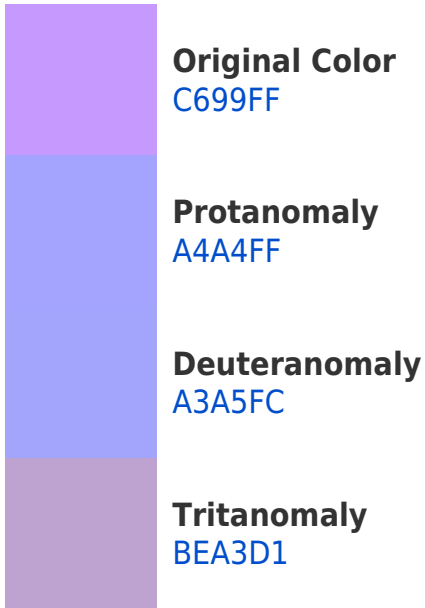
## Dichromacy



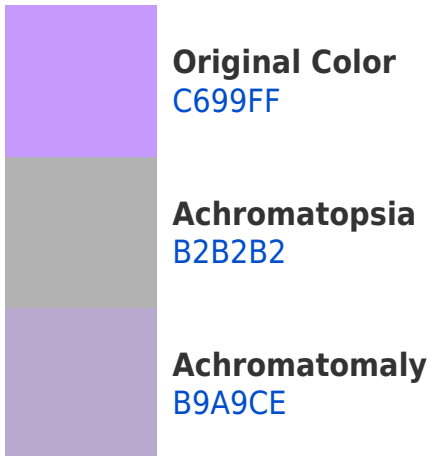


**Tritanopia**  
B9A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C699FF 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 #C699FF looks like.

```
.text, #text, p{  
    color:#C699FF  
}
```

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 #C699FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C699FF
}
```

## Border

The CSS property to change the border of an element to Hex C699FF 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
#C699FF }
```

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

```
.border{ border-color:#C699FF }
```

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

Here you see how a box with a 4 pixel #C699FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C699FF; -webkit-box-shadow:4px 4px  
4px 4px #C699FF; box-shadow:4px 4px 4px  
4px #C699FF }
```

# Background

The CSS property to change the background color of an element to Hex C699FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C699FF }
```

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

```
.background{ background-color:#C699FF }
```

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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