

# Converting Colors

Hex(CC94FF)

Have a look what the booklet for  
Hex(CC94FF) contains.

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# Color

Hex(CC94FF)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | CC94FF                     |
| RGB         | 204, 148, 255              |
| RGB Percent | 80%, 58%, 100%             |
| CMY         | 0.2000, 0.4196, 0.0000     |
| CMYK        | 0.20, 0.42, 0.00, 0.00     |
| HSL         | 271°, 100%, 79%            |
| HSV         | 271°, 42%, 100%            |
| XYZ         | 53.5417, 41.2372, 99.7454  |
| YIQ         | 176.9420, -0.9710, 45.1490 |

# Conversions

## Conversions Part 2

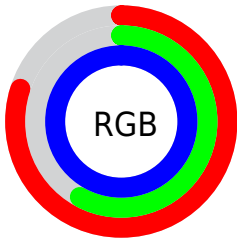
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 204, 148, 255                 |
| Decimal                             | 13407487                      |
| CIE <sub>Lab</sub>                  | 70.34, 40.78, -45.38          |
| CIE <sub>LCh</sub>                  | 70, 61.007, 311.945           |
| Yxy                                 | 41.2372, 0.2752,<br>0.2120    |
| Android<br>(android.graphics.Color) | 4291597567<br>(0xFFCC94FF)    |
| YUV                                 | 176.9420, 38.4826,<br>23.7299 |
| Hunter-Lab                          | 64.2162, 36.4502,<br>-47.1423 |

# Details

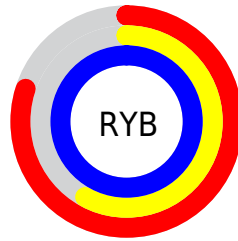
The Hex color **CC94FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C7FF94**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFCBFF**, and **9460C6** is the 20% darker color. If you saturate the color by 10%, you get **C07BFF**, and if you desaturate by 10%, it is **D8AEFF**.

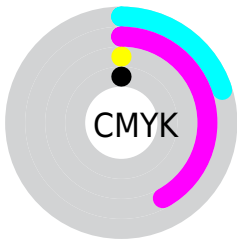
# Distribution



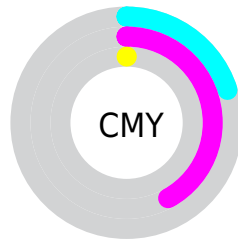
- Red (80%)
- Green (58%)
- Blue (100%)



- Red (80%)
- Yellow (58%)
- Blue (100%)



- Cyan (20%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (42%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC94FF 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 CC94FF by changing the saturation by 10% instead.



 CC94FF

 CC94FF

FFFFFF

 B07AE2

 FFCBFF

 9460C6

 FFE7FF

 7947AA

 5E2F8F

 431675

 29005C

 130044

 00032C

 000117

 CC94FF

 CC94FF

 C07BFF

 D8AEFF

 B461FF

 E4C7FF

 A848FF

 F0E1FF

 9B2EFF

 FDFAFF

 8F15FF

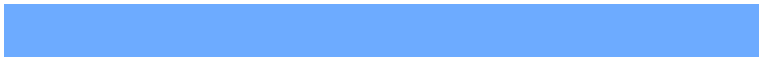
FFFFFF

 8500FF

# Harmonies

## Analogous

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



6DABFF



CC94FF



FF7FD0

# Triad

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



CC94FF



E69D3F



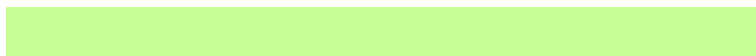
00C7C1

# Complementary

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



CC94FF



C7FF94

# 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.



00C588



CC94FF



B5B037

# Square

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



CC94FF



FF8864



78BD55



00C4F5

# Rectangle

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



CC94FF



FF79AB



78BD55



00C7AE



# Sweetspot

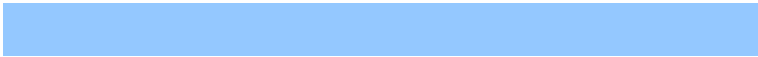
The Sweet Spot groups the original color and five complimentary colors.



CC94FF



EFDEFF



94C8FF



766B80



000000



808080



# Same Dimension

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



CC94FF



C280FF



FF94FD



797380



6400BF



210040



# Inverse Universe

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



FF94C7



FF80BC



94FF96



807379



BF005B

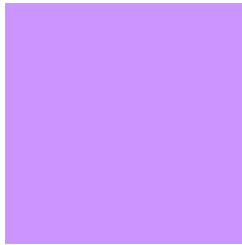


40001E



# Previews

## White Background



This preview shows how the Hex color CC94FF looks on a white background.

## Color Contrast Check

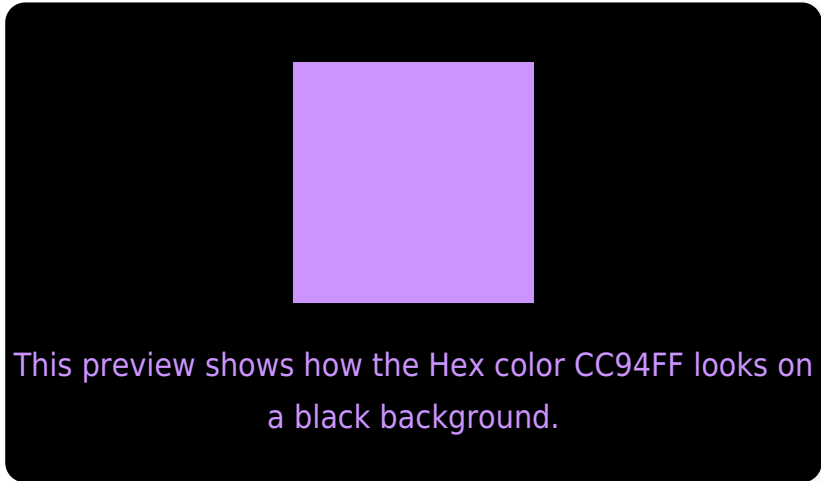
Large Text (above 18pt) WCAG AA × Fail

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

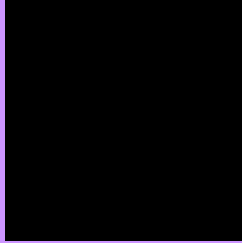
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CC94FF Background



This preview shows how black text looks on a background with the Hex color CC94FF.

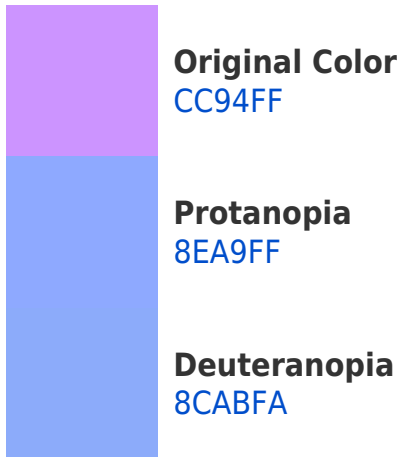


This preview shows how white text looks on a background with the Hex color CC94FF.

# Color Blindness Simulation

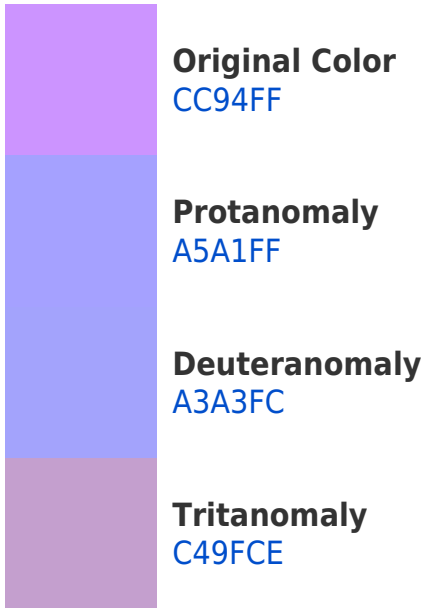
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

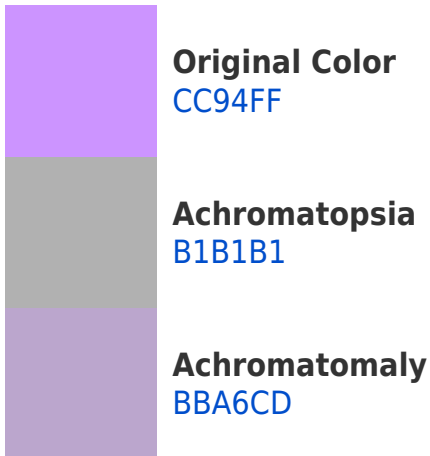




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC94FF 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 #CC94FF looks like.

```
.text, #text, p{  
    color:#CC94FF  
}
```

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 #CC94FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC94FF
}
```

## Border

The CSS property to change the border of an element to Hex CC94FF 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
#CC94FF }
```

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

```
.border{ border-color:#CC94FF }
```

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

Here you see how a box with a 4 pixel #CC94FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC94FF; -webkit-box-shadow:4px 4px  
4px 4px #CC94FF; box-shadow:4px 4px 4px  
4px #CC94FF }
```

# Background

The CSS property to change the background color of an element to Hex CC94FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC94FF }
```

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

```
.background{ background-color:#CC94FF }
```

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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