

# Converting Colors

Hex(78C6FF)

Have a look what the booklet for  
Hex(78C6FF) contains.

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# **Color**

**Hex(78C6FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78C6FF
RGB	120, 198, 255
RGB Percent	47%, 78%, 100%
CMY	0.5294, 0.2235, 0.0000
CMYK	0.53, 0.22, 0.00, 0.00
HSL	205°, 100%, 74%
HSV	205°, 53%, 100%
XYZ	45.9898, 51.6012, 102.1439
YIQ	181.1760, -64.7850, 1.1910

# Conversions

## Conversions Part 2

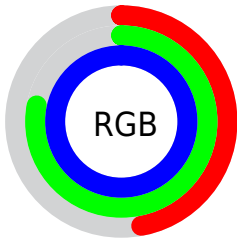
Format	Color
R <sub>Y</sub> B	120, 169, 255
Decimal	7915263
CIE Lab	77.04, -8.51, -35.37
CIE LCh	77, 36.378, 256.475
Yxy	51.6012, 0.2303, 0.2583
Android (android.graphics.Color)	4286105343 (0xFF78C6FF)
YUV	181.1760, 36.3952, -53.6514
Hunter-Lab	71.8340, -11.4296, -34.0232

# Details

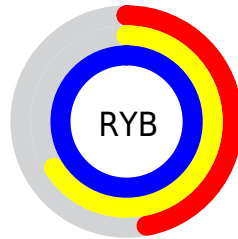
The Hex color **78C6FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFB178**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **B3FFFF**, and **3890C6** is the 20% darker color. If you saturate the color by 10%, you get **5FBFFF**, and if you desaturate by 10%, it is **92D1FF**.

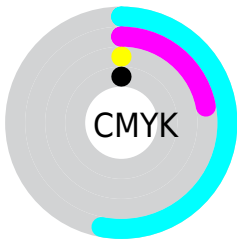
# Distribution



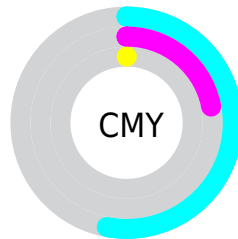
- Red (47%)
- Green (78%)
- Blue (100%)



- Red (47%)
- Yellow (66%)
- Blue (100%)



- Cyan (53%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (22%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78C6FF 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 78C6FF by changing the saturation by 10% instead.



 78C6FF

 78C6FF

FFFFFF

 5AABE2

 B3FFFF

 3890C6

 D1FFFF

 0077AB

 EFFFFFF

 005E90

 004776

 00305D

 001C45

 00042E

 000119

 78C6FF

 78C6FF

 5FB8FF

 92D1FF

 45B0FF


 ABD8FF

 2CA6FF

 C4E6FF

 129BFF

 DEF1FF

 0093FF

 F8FCFF

FFFFFF

# Harmonies

## Analogous

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



4DCDEE



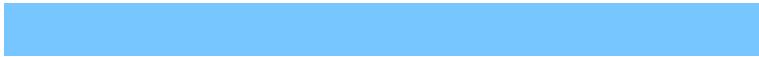
78C6FF



ADBBFF

# Triad

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



78C6FF



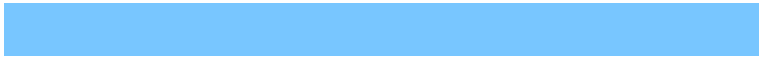
FFA5AD



9CCB8F

# Complementary

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



78C6FF



FFB178

# 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.



C2C27D



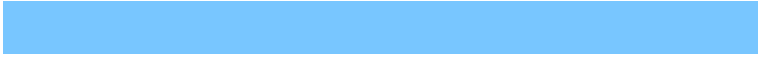
78C6FF



F9AC8F

# Square

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



78C6FF



F7A6CF



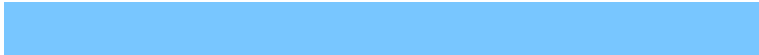
E3B77D



74D0AD

# Rectangle

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



78C6FF



CCB3F4



E3B77D

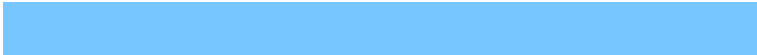


AAC887

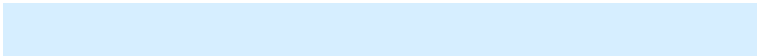


# Sweetspot

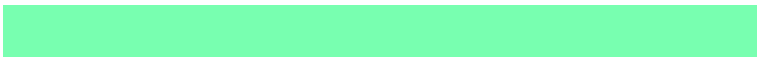
The Sweet Spot groups the original color and five complimentary colors.



78C6FF



D6EEFF



78FFB0



677580



000000

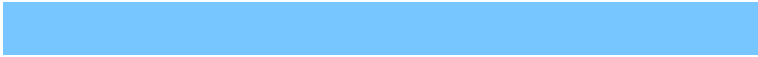


808080

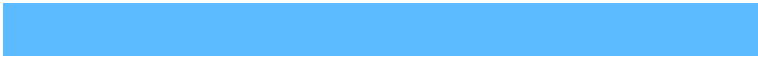


# Same Dimension

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



78C6FF



5CBAFF



7883FF



737A80



006FBF



002540



# Inverse Universe

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



FF78C6



FF5CBA



FFF478



80737A



BF006E

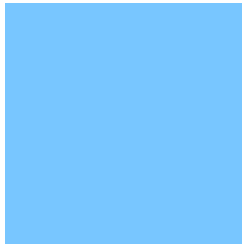


400025



# Previews

## White Background



This preview shows how the Hex color 78C6FF looks on a white background.

## Color Contrast Check

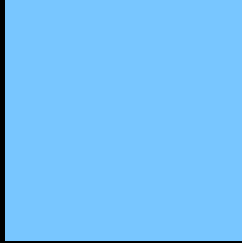
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 78C6FF looks on a 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

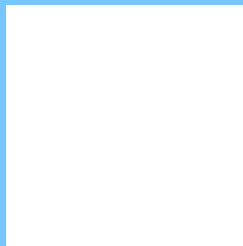
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 78C6FF Background



This preview shows how black text looks on a background with the Hex color 78C6FF.

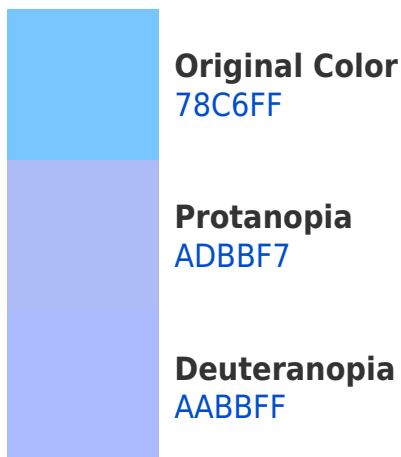


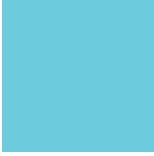
This preview shows how white text looks on a background with the Hex color 78C6FF.

# 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](#).

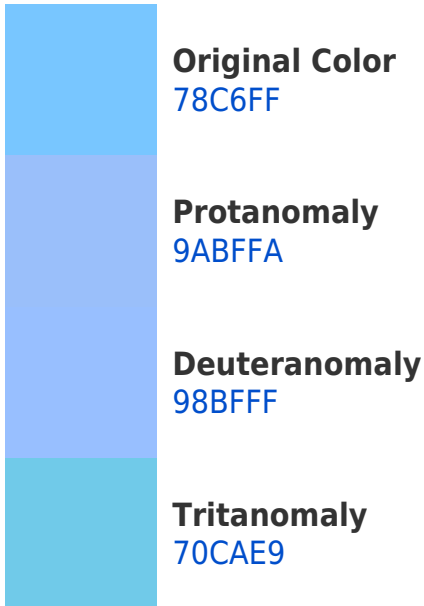
## Dichromacy



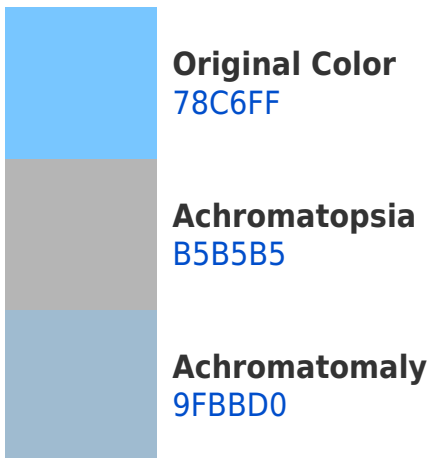


**Tritanopia**  
6CCCDD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78C6FF 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 #78C6FF looks like.

```
.text, #text, p{  
    color:#78C6FF  
}
```

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 #78C6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78C6FF
}
```

## Border

The CSS property to change the border of an element to Hex 78C6FF 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
#78C6FF }
```

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

```
.border{ border-color:#78C6FF }
```

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

Here you see how a box with a 4 pixel #78C6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78C6FF; -webkit-box-shadow:4px 4px  
4px 4px #78C6FF; box-shadow:4px 4px 4px  
4px #78C6FF }
```

# Background

The CSS property to change the background color of an element to Hex 78C6FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78C6FF }
```

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

```
.background{ background-color:#78C6FF }
```

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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