

Converting Colors

Hex(78C1F0)

Have a look what the booklet for
Hex(78C1F0) contains.

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Color

Hex(78C1F0)

Conversions

Conversions Part 1

Format	Color
Hex	78C1F0
RGB	120, 193, 240
RGB Percent	47%, 76%, 94%
CMY	0.5294, 0.2431, 0.0588
CMYK	0.50, 0.20, 0.00, 0.06
HSL	204°, 80%, 71%
HSV	204°, 50%, 94%
XYZ	42.5439, 48.4243, 89.5426
YIQ	176.5310, -58.5950, -0.8590

Conversions

Conversions Part 2

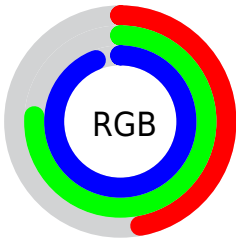
Format	Color
R _Y B	120, 165, 240
Decimal	7913968
CIE Lab	75.09, -10.16, -30.32
CIE LCh	75, 31.981, 251.473
Yxy	48.4243, 0.2357, 0.2683
Android (android.graphics.Color)	4286104048 (0xFF78C1F0)
YUV	176.5310, 31.2902, -49.5777
Hunter-Lab	69.5875, -12.6483, -27.5808

Details

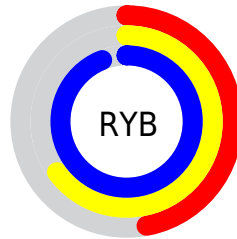
The Hex color **78C1F0** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F0A778**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **B2F9FF**, and **3B8CB8** is the 20% darker color. If you saturate the color by 10%, you get **60B8F0**, and if you desaturate by 10%, it is **90CAF0**.

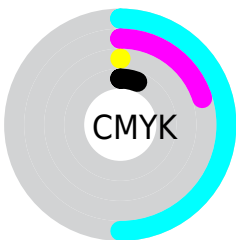
Distribution



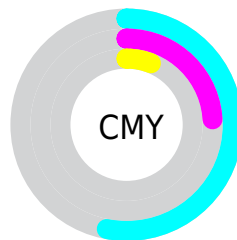
- Red (47%)
- Green (76%)
- Blue (94%)



- Red (47%)
- Yellow (65%)
- Blue (94%)



- Cyan (50%)
- Magenta (20%)
- Yellow (0%)
- Black (6%)



- Cyan (53%)
- Magenta (24%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78C1F0 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 78C1F0 by changing the saturation by 10% instead.

 78C1F0

 78C1F0

FFFFFF

 5BA6D4

 B2F9FF

 3B8CB8

 CFFFFFF

 12729D

 EDFFFF

 005A83

 004269

 002C51

 00193A

 000224

 00000B

 78C1F0

 78C1F0

 60B8F0

 90CAF0

 48AEF0

 A8D4F0

 30A5F0

 C0DDF0

 189BF0

 D8E7F0

 0092F0

 F0F0F0

 FFF9F0

 FFFFF0

Harmonies

Analogous

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



5CC7DF



78C1F0



A3B8F2

Triad

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



78C1F0



F4A3AE



A1C38C

Complementary

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



78C1F0



F0A778

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.



C2BB7F



78C1F0



EFA893

Square

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



78C1F0



E7A5CC



DEB182



7FC8A5

Rectangle

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



78C1F0



BFB1EB



DEB182



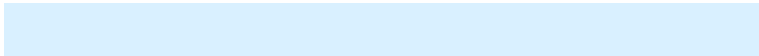
ADC086

Sweetspot

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



78C1F0



D9F0FF



78F0A6



697780



000000



808080

Same Dimension

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



78C1F0



66C3FF



7886F0



6C7378



0070B8



002238

Inverse Universe

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



F078C1



FF66C3



F0E278



786C73



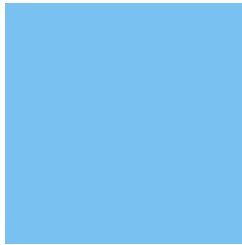
B80070



380022

Previews

White Background



This preview shows how the Hex color 78C1F0 looks on a white background.

Color Contrast Check

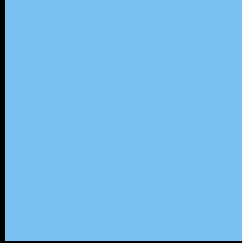
Large Text (above 18pt) WCAG AA × Fail

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 78C1F0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

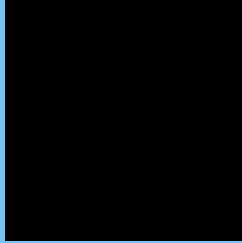
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

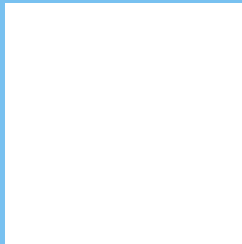
Any Text WCAG AAA ✓ Pass

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

Hex 78C1F0 Background



This preview shows how black text looks on a background with the Hex color 78C1F0.

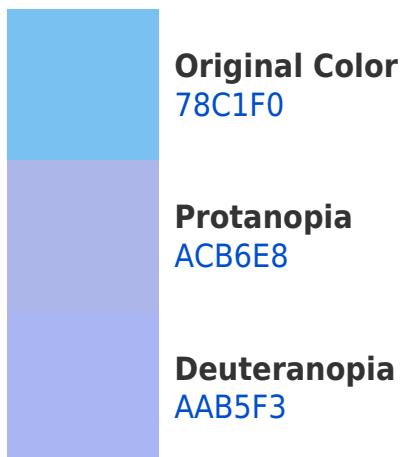


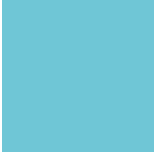
This preview shows how white text looks on a background with the Hex color 78C1F0.

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



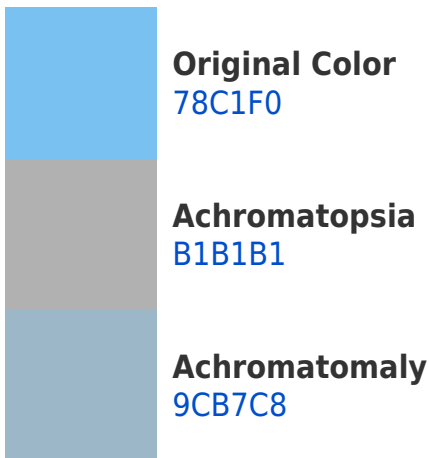


Tritanopia
6FC6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78C1F0 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 #78C1F0 looks like.

```
.text, #text, p{  
    color:#78C1F0  
}
```

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 #78C1F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78C1F0
}
```

Border

The CSS property to change the border of an element to Hex 78C1F0 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
#78C1F0 }
```

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

```
.border{ border-color:#78C1F0 }
```

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

Here you see how a box with a 4 pixel #78C1F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78C1F0; -webkit-box-shadow:4px 4px  
4px 4px #78C1F0; box-shadow:4px 4px 4px  
4px #78C1F0 }
```

Background

The CSS property to change the background color of an element to Hex 78C1F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78C1F0 }
```

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

```
.background{ background-color:#78C1F0 }
```

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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