

Converting Colors

Hex(78B4F1)

Have a look what the booklet for
Hex(78B4F1) contains.

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Color

Hex(78B4F1)

Conversions

Conversions Part 1

Format	Color
Hex	78B4F1
RGB	120, 180, 241
RGB Percent	47%, 71%, 95%
CMY	0.5294, 0.2941, 0.0549
CMYK	0.50, 0.25, 0.00, 0.05
HSL	210°, 81%, 71%
HSV	210°, 50%, 95%
XYZ	39.9442, 42.9865, 89.4110
YIQ	169.0140, -55.3410, 6.2510

Conversions

Conversions Part 2

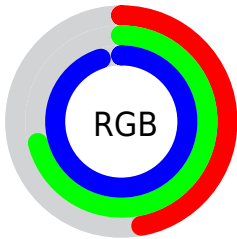
Format	Color
R _Y B	120, 160, 241
Decimal	7910641
CIE Lab	71.55, -2.83, -36.35
CIE LCh	72, 36.456, 265.544
Yxy	42.9865, 0.2318, 0.2494
Android (android.graphics.Color)	4286100721 (0xFF78B4F1)
YUV	169.0140, 35.4891, -42.9853
Hunter-Lab	65.5641, -5.9880, -34.9601

Details

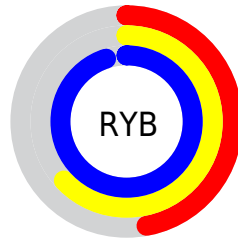
The Hex color **78B4F1** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F1B578**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **B2ECFF**, and **3C7FB9** is the 20% darker color. If you saturate the color by 10%, you get **60A8F1**, and if you desaturate by 10%, it is **90C0F1**.

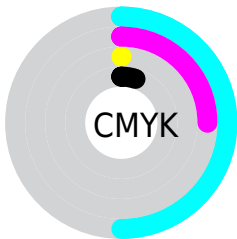
Distribution



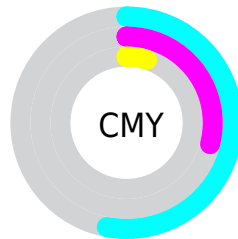
- Red (47%)
- Green (71%)
- Blue (95%)



- Red (47%)
- Yellow (63%)
- Blue (95%)



- Cyan (50%)
- Magenta (25%)
- Yellow (0%)
- Black (5%)



- Cyan (53%)
- Magenta (29%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78B4F1 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 78B4F1 by changing the saturation by 10% instead.

 78B4F1

 78B4F1

FFFFFF

 5B99D4

 B2ECFF

 3C7FB9

 CFFFFFF

 13679E

 EDFFFF

 004F83

 00386A

 002351

 000D3A

 000224

 00000B

■ 78B4F1

■ 78B4F1

■ 60A8F1

■ 90C0F1

■ 489CF1

■ A8CCF1

■ 3090F1

■ C0D8F1

■ 1883F1

■ D8E5F1

■ 0078F1

■ F0F1F1

■ FFFDF1

■ FFFFF1

Harmonies

Analogous

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



43BCE5



78B4F1



ACA8EB

Triad

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



78B4F1



F09794



81BD89

Complementary

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



78B4F1



F1B578

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.



A8B672



78B4F1



E4A07A

Square

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



78B4F1



EC96B6



CAAC6D



57C1A9

Rectangle

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



78B4F1



C9A0DE



CAAC6D



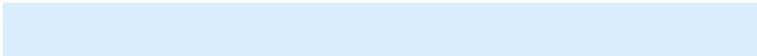
8FBB80

Sweetspot

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



78B4F1



D9ECFF



78F1B4



697480



000000



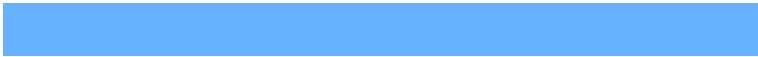
808080

Same Dimension

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



78B4F1



66B2FF



7878F1



6C7278



005BB8



001C38

Inverse Universe

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



F178B4



FF66B2



F1F178



786C72



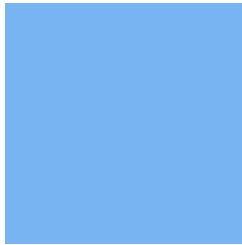
B8005B



38001C

Previews

White Background



This preview shows how the Hex color 78B4F1 looks on a white background.

Color Contrast Check

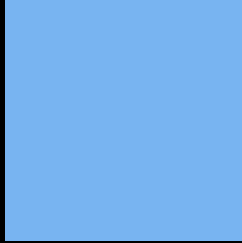
Large Text (above 18pt) WCAG AA × Fail

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 78B4F1 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

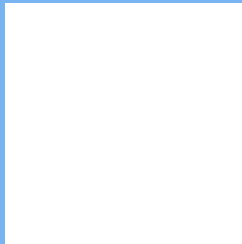
Any Text WCAG AAA ✓ Pass

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

Hex 78B4F1 Background



This preview shows how black text looks on a background with the Hex color 78B4F1.

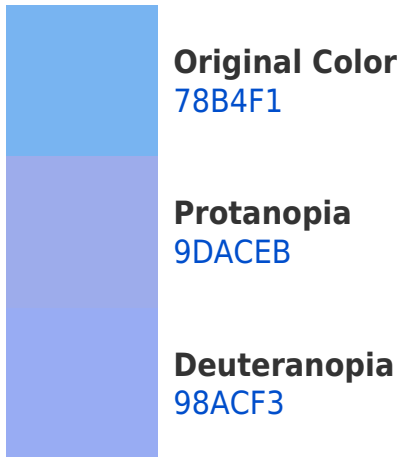


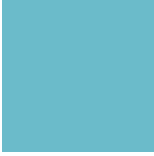
This preview shows how white text looks on a background with the Hex color 78B4F1.

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](#).

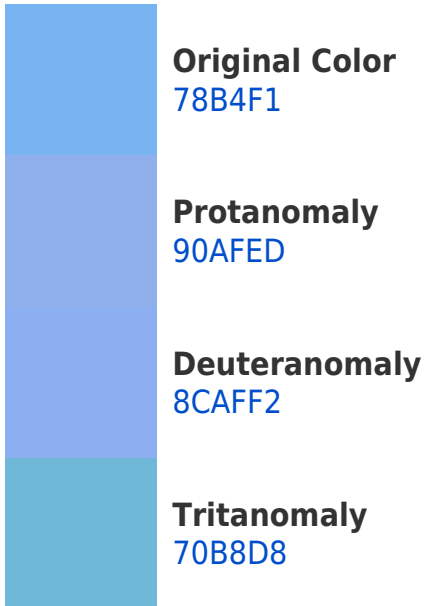
Dichromacy



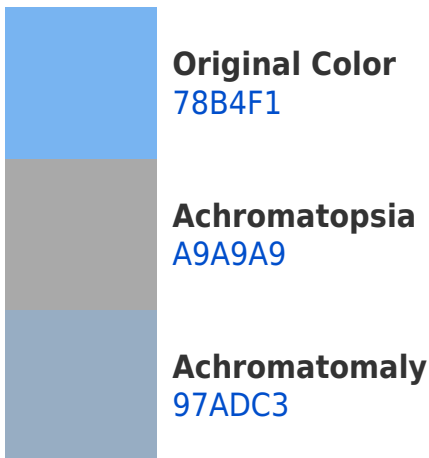


Tritanopia
6BBBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78B4F1 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 #78B4F1 looks like.

```
.text, #text, p{  
    color:#78B4F1  
}
```

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 #78B4F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78B4F1  
}
```

Border

The CSS property to change the border of an element to Hex 78B4F1 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  
#78B4F1 }
```

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

```
.border{ border-color:#78B4F1 }
```

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

Here you see how a box with a 4 pixel #78B4F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78B4F1; -webkit-box-shadow:4px 4px  
4px 4px #78B4F1; box-shadow:4px 4px 4px  
4px #78B4F1 }
```

Background

The CSS property to change the background color of an element to Hex 78B4F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78B4F1 }
```

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

```
.background{ background-color:#78B4F1 }
```

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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