

Converting Colors

Hex(78B2EF)

Have a look what the booklet for
Hex(78B2EF) contains.

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Color

Hex(78B2EF)

Conversions

Conversions Part 1

Format	Color
Hex	78B2EF
RGB	120, 178, 239
RGB Percent	47%, 70%, 94%
CMY	0.5294, 0.3020, 0.0627
CMYK	0.50, 0.26, 0.00, 0.06
HSL	211°, 79%, 70%
HSV	211°, 50%, 94%
XYZ	39.2461, 42.0659, 87.7124
YIQ	167.6120, -54.1490, 6.6750

Conversions

Conversions Part 2

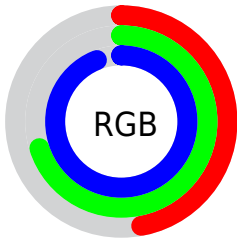
Format	Color
R _Y B	120, 159, 239
Decimal	7910127
CIE Lab	70.92, -2.31, -36.24
CIE LCh	71, 36.311, 266.347
Yxy	42.0659, 0.2322, 0.2489
Android (android.graphics.Color)	4286100207 (0xFF78B2EF)
YUV	167.6120, 35.1943, -41.7557
Hunter-Lab	64.8582, -5.4903, -34.7814

Details

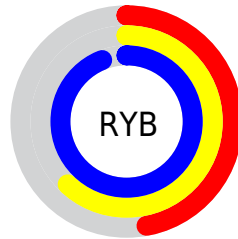
The Hex color **78B2EF** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **EFB578**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **B2EAFB**, and **3C7EB7** is the 20% darker color. If you saturate the color by 10%, you get **60A6EF**, and if you desaturate by 10%, it is **90BEEF**.

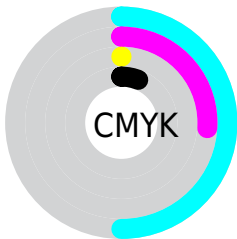
Distribution



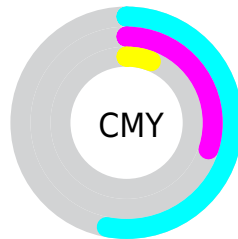
- Red (47%)
- Green (70%)
- Blue (94%)



- Red (47%)
- Yellow (62%)
- Blue (94%)



- Cyan (50%)
- Magenta (26%)
- Yellow (0%)
- Black (6%)



- Cyan (53%)
- Magenta (30%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78B2EF 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 78B2EF by changing the saturation by 10% instead.

 78B2EF

 78B2EF

FFFFFF

 5B97D3

 B2EAFB

 3C7EB7

 CFFFFFF

 15659C

 EDFFFF

 004D81

 003768

 002250

 000A38

 000222

 000008

 78B2EF

 78B2EF

 60A6EF

 90BEEF

 4899EF


 A8CBEF

 308DEF

 C0D7EF

 1881EF

 D8E3EF

 0175EF

 EFEFEF

 0074EF

 FFFCEF

 FFFFEF

Harmonies

Analogous

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



42BAE4



78B2EF



ACA6E9

Triad

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



78B2EF



EE9692



7FBC88

Complementary

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



78B2EF



EFB578

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.



A6B471



78B2EF



E19F78

Square

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



78B2EF



EA94B3



C7AA6B



55BFA8

Rectangle

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



78B2EF



C89FDB



C7AA6B



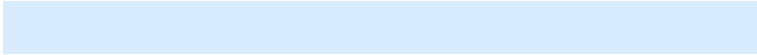
8CBA7F

Sweetspot

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



78B2EF



D9EBFF



78EFB3



697480



000000



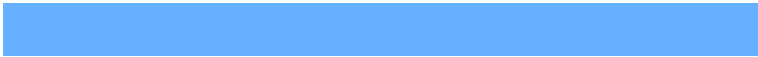
808080

Same Dimension

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



78B2EF



66B1FF



7878EF



6C7278



0059B8



001B38

Inverse Universe

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



EF78B2



FF66B1



EFEF78



786C72



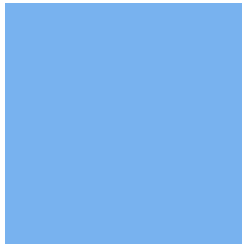
B80059



38001B

Previews

White Background



This preview shows how the Hex color 78B2EF looks on a white background.

Color Contrast Check

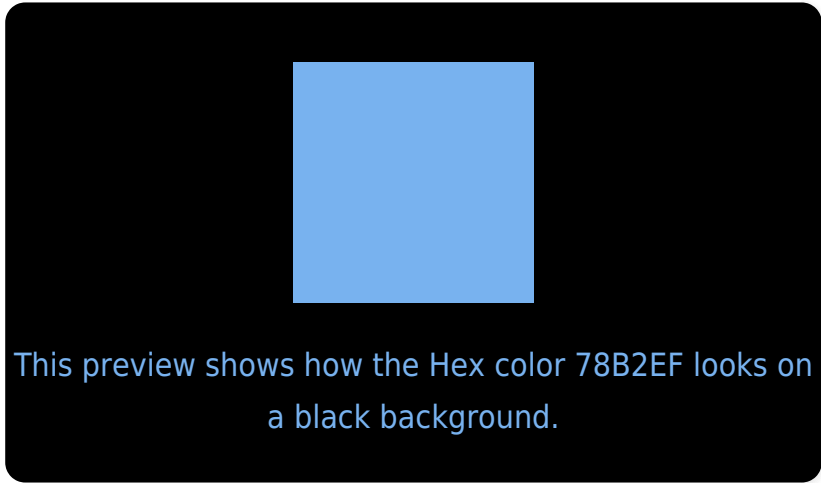
Large Text (above 18pt) WCAG AA × Fail

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

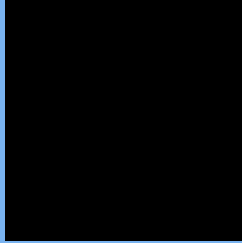
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

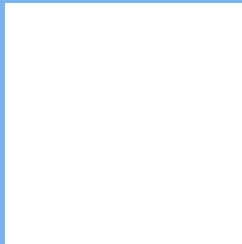
Any Text WCAG AAA ✓ Pass

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

Hex 78B2EF Background



This preview shows how black text looks on a background with the Hex color 78B2EF.

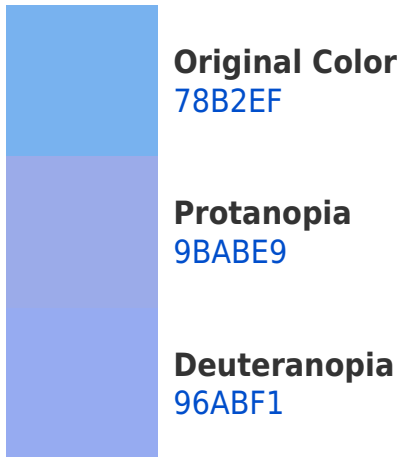


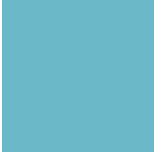
This preview shows how white text looks on a background with the Hex color 78B2EF.

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](#).

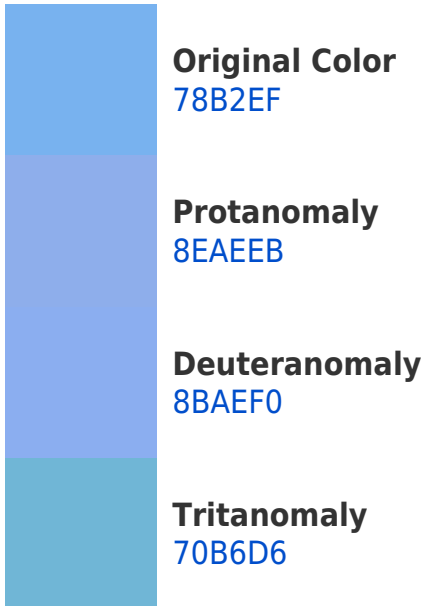
Dichromacy



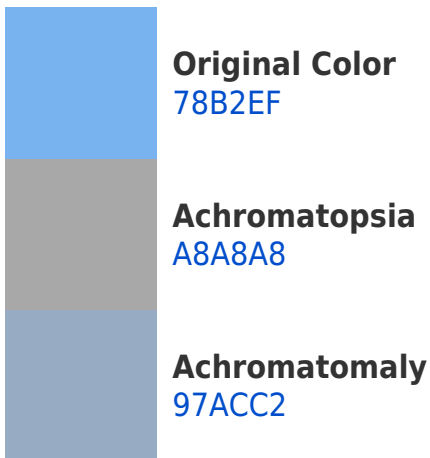


Tritanopia
6BB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78B2EF 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 #78B2EF looks like.

```
.text, #text, p{  
    color:#78B2EF  
}
```

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 #78B2EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78B2EF
}
```

Border

The CSS property to change the border of an element to Hex 78B2EF 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
#78B2EF }
```

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

```
.border{ border-color:#78B2EF }
```

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

Here you see how a box with a 4 pixel #78B2EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78B2EF; -webkit-box-shadow:4px 4px  
4px 4px #78B2EF; box-shadow:4px 4px 4px  
4px #78B2EF }
```

Background

The CSS property to change the background color of an element to Hex 78B2EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78B2EF }
```

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

```
.background{ background-color:#78B2EF }
```

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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