

Converting Colors

Hex(78B3F2)

Have a look what the booklet for
Hex(78B3F2) contains.

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Color

Hex(78B3F2)

Conversions

Conversions Part 1

Format	Color
Hex	78B3F2
RGB	120, 179, 242
RGB Percent	47%, 70%, 95%
CMY	0.5294, 0.2980, 0.0510
CMYK	0.50, 0.26, 0.00, 0.05
HSL	211°, 82%, 71%
HSV	211°, 50%, 95%
XYZ	39.8928, 42.6441, 90.1330
YIQ	168.5410, -55.3870, 7.0850

Conversions

Conversions Part 2

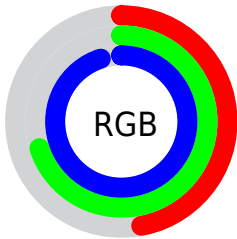
Format	Color
R _Y B	120, 160, 242
Decimal	7910386
CIE Lab	71.31, -1.99, -37.25
CIE LCh	71, 37.303, 266.944
Yxy	42.6441, 0.2310, 0.2470
Android (android.graphics.Color)	4286100466 (0xFF78B3F2)
YUV	168.5410, 36.2153, -42.5705
Hunter-Lab	65.3024, -5.2347, -36.1227

Details

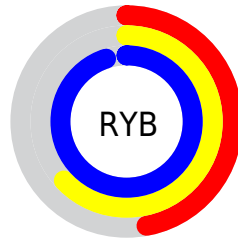
The Hex color **78B3F2** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **F2B778**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **B2EBFF**, and **3C7FBA** is the 20% darker color. If you saturate the color by 10%, you get **60A7F2**, and if you desaturate by 10%, it is **90BFF2**.

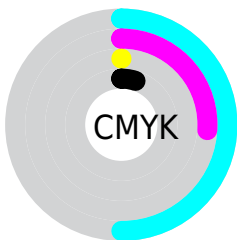
Distribution



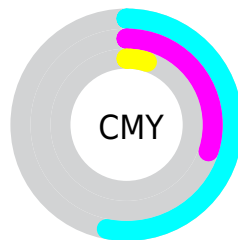
- Red (47%)
- Green (70%)
- Blue (95%)



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



- Cyan (50%)
- Magenta (26%)
- Yellow (0%)
- Black (5%)



- Cyan (53%)
- Magenta (30%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78B3F2 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 78B3F2 by changing the saturation by 10% instead.

 78B3F2

 78B3F2

FFFFFF

 5B98D5

 B2EBFF

 3C7FBA

 CFFFFFF

 12669E

 EDFFFF

 004E84

 00376B

 002352

 000C3B

 000224

 00000C

 78B3F2

 78B3F2

 60A7F2

 90BFF2

 489AF2

 A8CCF2

 2F8EF2

 C1D8F2

 1781F2

 D9E5F2

 0075F2

 F1F1F2

 FFFE2

 FFFF2

Harmonies

Analogous

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



3EBCE7



78B3F2



AEA7EB

Triad

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



78B3F2



F19692



7EBD88

Complementary

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



78B3F2



F2B778

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.



A6B671



78B3F2



E3A077

Square

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



78B3F2



ED95B3



C8AB6A



51C1AA

Rectangle

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



78B3F2



CB9FDD



C8AB6A



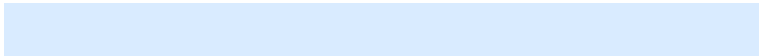
8BBB7F

Sweetspot

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



78B3F2



D9EBFF



78F2B5



697480



000000



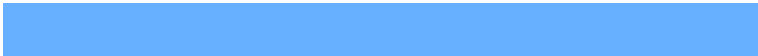
808080

Same Dimension

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



78B3F2



66B0FF



7878F2



6C7278



0059B8



001B38

Inverse Universe

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



F278B3



FF66B0



F2F278



786C72



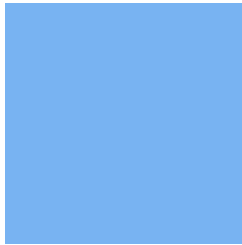
B80059



38001B

Previews

White Background



This preview shows how the Hex color 78B3F2 looks on a white background.

Color Contrast Check

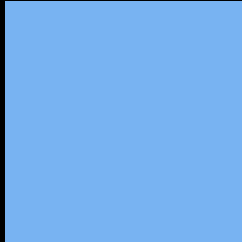
Large Text (above 18pt) WCAG AA × Fail

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 78B3F2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

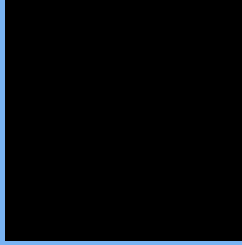
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

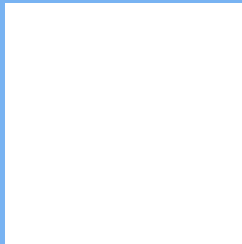
Any Text WCAG AAA ✓ Pass

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

Hex 78B3F2 Background



This preview shows how black text looks on a background with the Hex color 78B3F2.

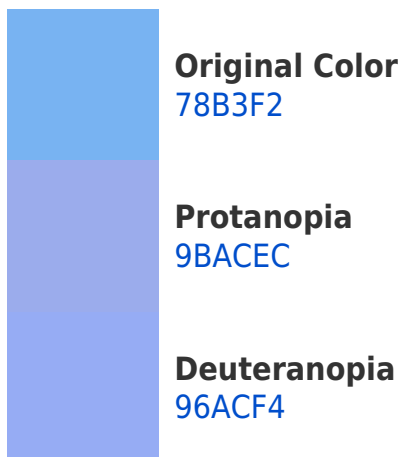


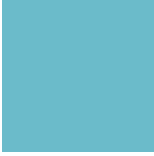
This preview shows how white text looks on a background with the Hex color 78B3F2.

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](#).

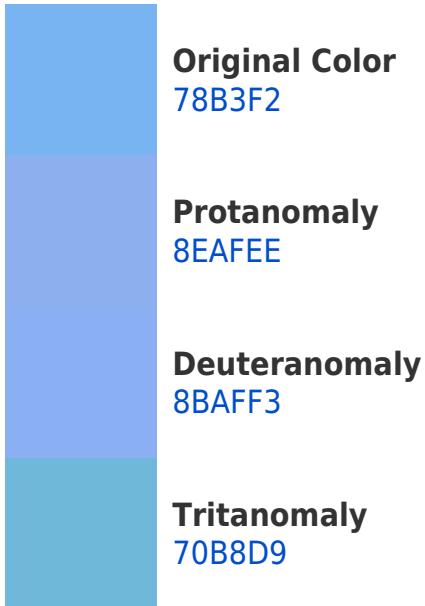
Dichromacy



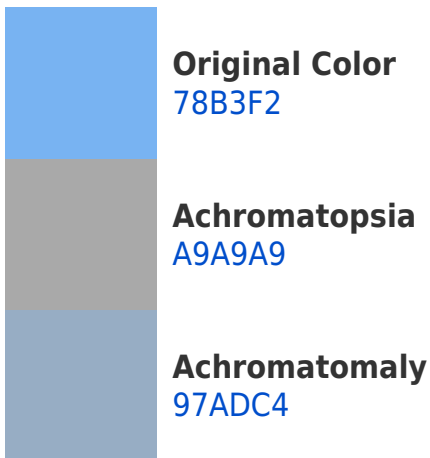


Tritanopia
6BBBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78B3F2 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 #78B3F2 looks like.

```
.text, #text, p{  
    color:#78B3F2  
}
```

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 #78B3F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78B3F2  
}
```

Border

The CSS property to change the border of an element to Hex 78B3F2 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  
#78B3F2 }
```

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

```
.border{ border-color:#78B3F2 }
```

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

Here you see how a box with a 4 pixel #78B3F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78B3F2; -webkit-box-shadow:4px 4px  
4px 4px #78B3F2; box-shadow:4px 4px 4px  
4px #78B3F2 }
```

Background

The CSS property to change the background color of an element to Hex 78B3F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78B3F2 }
```

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

```
.background{ background-color:#78B3F2 }
```

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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