

# Converting Colors

Hex(78B2ED)

Have a look what the booklet for  
Hex(78B2ED) contains.

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# **Color**

**Hex(78B2ED)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	78B2ED
RGB	120, 178, 237
RGB Percent	47%, 70%, 93%
CMY	0.5294, 0.3020, 0.0706
CMYK	0.49, 0.25, 0.00, 0.07
HSL	210°, 76%, 70%
HSV	210°, 49%, 93%
XYZ	38.9522, 41.9483, 86.1646
YIQ	167.3840, -53.5070, 6.0530

# Conversions

## Conversions Part 2

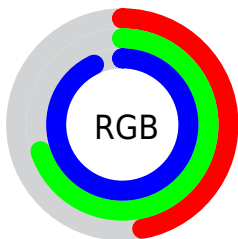
Format	Color
<a href="#">RYB</a>	<a href="#">120, 159, 237</a>
Decimal	<a href="#">7910125</a>
CIELab	<a href="#">70.84, -2.90, -35.28</a>
CIElCh	<a href="#">71, 35.395, 265.306</a>
Yxy	<a href="#">41.9483, 0.2332, 0.2511</a>
Android (android.graphics.Color)	<a href="#">4286100205 (0xFF78B2ED)</a>
YUV	<a href="#">167.3840, 34.3207, -41.5558</a>
Hunter-Lab	<a href="#">64.7675, -5.9904, -33.5403</a>

# Details

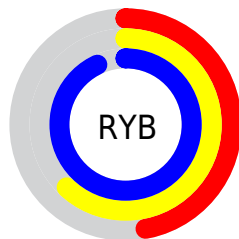
The Hex color **78B2ED** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **EDB378**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **B2EAFB**, and **3D7EB5** is the 20% darker color. If you saturate the color by 10%, you get **60A6ED**, and if you desaturate by 10%, it is **90BEED**.

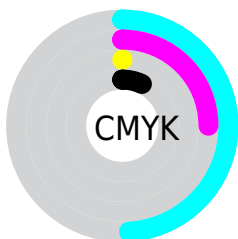
# Distribution



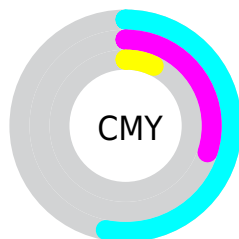
- Red (47%)
- Green (70%)
- Blue (93%)



- Red (47%)
- Yellow (62%)
- Blue (93%)



- Cyan (49%)
- Magenta (25%)
- Yellow (0%)
- Black (7%)



- Cyan (53%)
- Magenta (30%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78B2ED 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 78B2ED by changing the saturation by 10% instead.



 78B2ED

 78B2ED

FFFFFF

 5B97D1

 B2EAFF

 3D7EB5

 CFFFFFF

 16659A

 ECFFFF

 004D80

 003766

 00224E

 000A37

 000221

 000005

 78B2ED

 78B2ED

 60A6ED

 90BEED

 499AED

 A7CAED

 318EED

 BFD6ED

 1982ED

 D7E2ED

 0276ED

 EEEEEED

 0075ED

 FFFAED

 FFFFED

# Harmonies

## Analogous

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



46BAE1



78B2ED



AAA7E7

# Triad

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



78B2ED



EC9693



81BB88

# Complementary

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



78B2ED



EDB378

# 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.



A7B472



78B2ED



E09F79

# Square

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



78B2ED



E895B4



C8AA6D



59BEA7

# Rectangle

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



78B2ED



C69FDB



C8AA6D



8EB97F



# Sweetspot

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



78B2ED



D9ECFF



78EDB3



697480



000000



808080

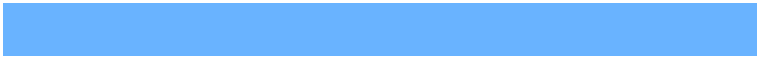


# Same Dimension

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



78B2ED



69B3FF



7878ED



6A6F75



005AB5



001B36



# Inverse Universe

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



ED78B2



FF69B3



EDED78



756A6F



B5005A

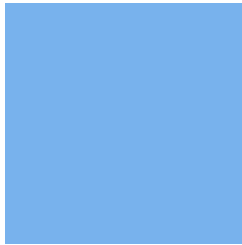


36001B



# Previews

## White Background



This preview shows how the Hex color 78B2ED looks on a white background.

## Color Contrast Check

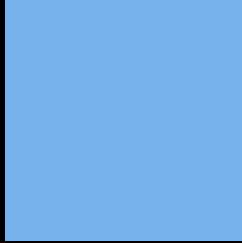
Large Text (above 18pt) WCAG AA × Fail

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 78B2ED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

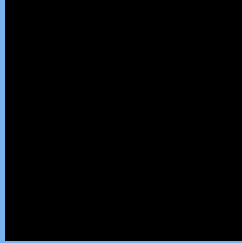
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

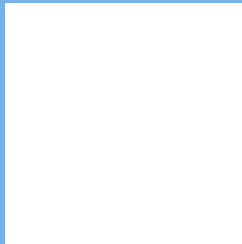
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 78B2ED Background



This preview shows how black text looks on a background with the Hex color 78B2ED.

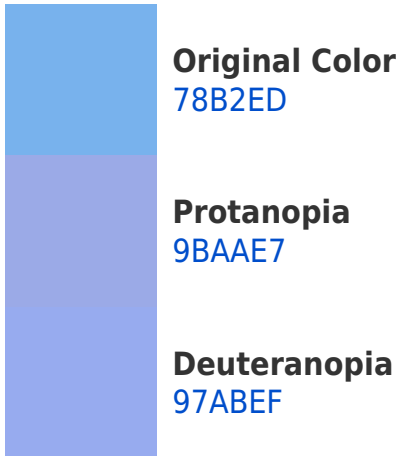


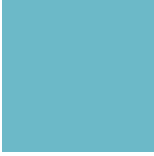
This preview shows how white text looks on a background with the Hex color 78B2ED.

# 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](#).

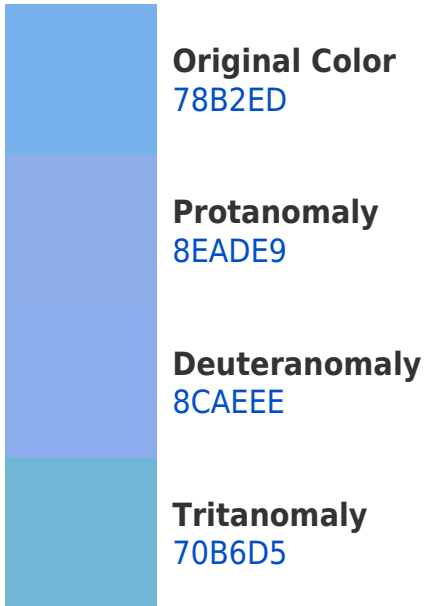
## Dichromacy



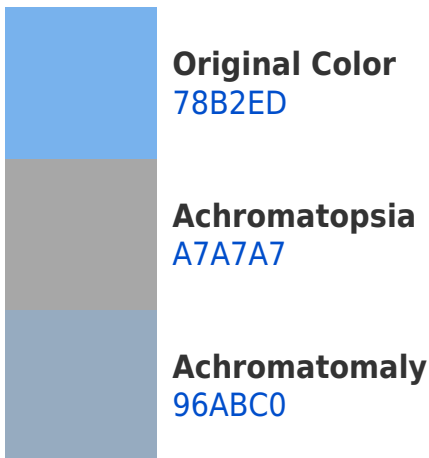


**Tritanopia**  
6CB9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78B2ED 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 #78B2ED looks like.

```
.text, #text, p{  
    color:#78B2ED  
}
```

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 #78B2ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78B2ED
}
```

## Border

The CSS property to change the border of an element to Hex 78B2ED 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
#78B2ED }
```

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

```
.border{ border-color:#78B2ED }
```

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

Here you see how a box with a 4 pixel #78B2ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78B2ED; -webkit-box-shadow:4px 4px  
4px 4px #78B2ED; box-shadow:4px 4px 4px  
4px #78B2ED }
```

# Background

The CSS property to change the background color of an element to Hex 78B2ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78B2ED }
```

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

```
.background{ background-color:#78B2ED }
```

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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