

Converting Colors

Hex(78B3E1)

Have a look what the booklet for
Hex(78B3E1) contains.

Hex(78B3E1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(78B3E1)

Conversions

Conversions Part 1

Format	Color
Hex	78B3E1
RGB	120, 179, 225
RGB Percent	47%, 70%, 88%
CMY	0.5294, 0.2980, 0.1176
CMYK	0.47, 0.20, 0.00, 0.12
HSL	206°, 64%, 68%
HSV	206°, 47%, 88%
XYZ	37.4564, 41.6695, 77.3030
YIQ	166.6030, -49.9300, 1.7980

Conversions

Conversions Part 2

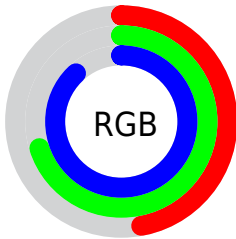
Format	Color
R _Y B	120, 158, 225
Decimal	7910369
CIE Lab	70.64, -6.88, -29.04
CIE LCh	71, 29.840, 256.667
Yxy	41.6695, 0.2394, 0.2664
Android (android.graphics.Color)	4286100449 (0xFF78B3E1)
YUV	166.6030, 28.7897, -40.8708
Hunter-Lab	64.5519, -9.3907, -25.8153

Details

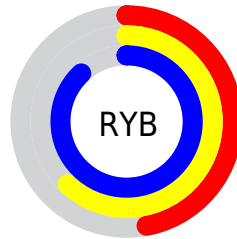
The Hex color **78B3E1** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E1A678**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **B1EBFF**, and **3F7EAA** is the 20% darker color. If you saturate the color by 10%, you get **62A9E1**, and if you desaturate by 10%, it is **8EBDE1**.

Distribution



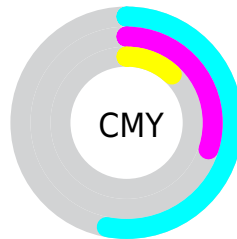
- Red (47%)
- Green (70%)
- Blue (88%)



- Red (47%)
- Yellow (62%)
- Blue (88%)



- Cyan (47%)
- Magenta (20%)
- Yellow (0%)
- Black (12%)



- Cyan (53%)
- Magenta (30%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78B3E1 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 78B3E1 by changing the saturation by 10% instead.

 78B3E1

 78B3E1

FFFFFF

 5C98C5

 B1EBFF

 3F7EAA

 CEFFFF

 1D658F

 EBFFFF

 004E75

 00375C

 002245

 00082E

 000119

 000000

■ 78B3E1

■ 78B3E1

■ 62A9E1

■ 8EBDE1

■ 4B9FE1

■ A5C7E1

■ 3595E1

■ BCD1E1

■ 1E8CE1

■ D2DAE1

■ 0882E1

■ E9E4E1

■ 007EE1

■ FFEEE1

■ FFF8E1

■ FFFFE1

Harmonies

Analogous

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



5AB9D3



78B3E1



A0AAE1

Triad

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



78B3E1



E3999E



92B787

Complementary

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



78B3E1



E1A678

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.



B1B078



78B3E1



DD9E86

Square

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



78B3E1



DB9ABA



CBA778



72BB9F

Rectangle

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



78B3E1



B9A4D8



CBA778



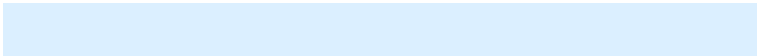
9CB581

Sweetspot

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



78B3E1



DBEFFF



78E1A6



6A7680



000000



808080

Same Dimension

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



78B3E1



70C0FF



787FE1



656B70



0063B0



001B30

Inverse Universe

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



E178B3



FF70C0



E1DA78



70656B



B00063



30001B

Previews

White Background



This preview shows how the Hex color 78B3E1 looks on a white background.

Color Contrast Check

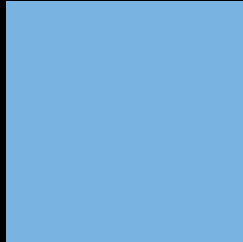
Large Text (above 18pt) WCAG AA × Fail

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 78B3E1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

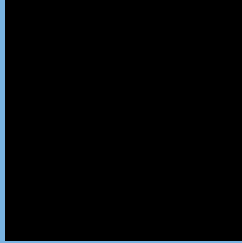
Any Text WCAG AA ✓ Pass

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 78B3E1 Background



This preview shows how black text looks on a background with the Hex color 78B3E1.

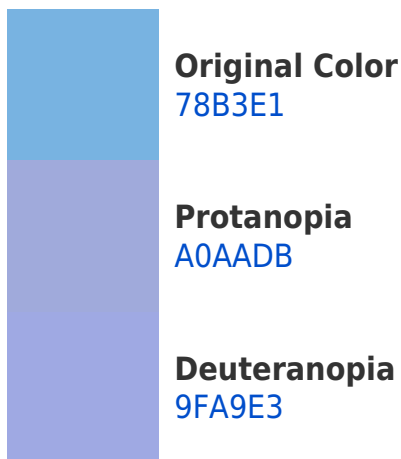


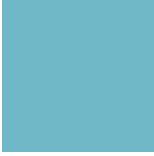
This preview shows how white text looks on a background with the Hex color 78B3E1.

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](#).

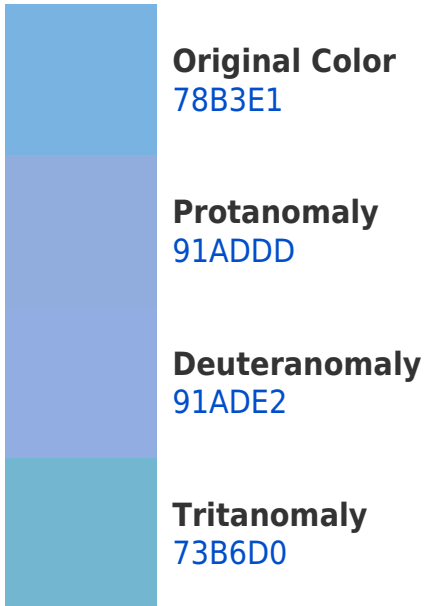
Dichromacy



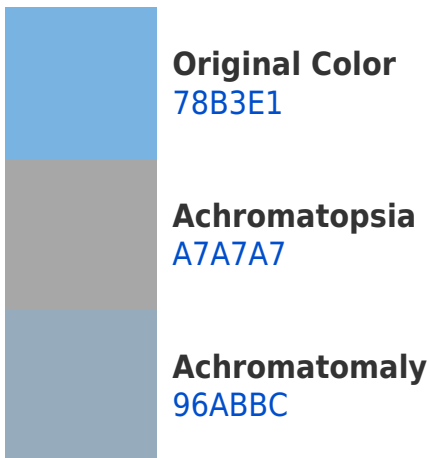


Tritanopia
70B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78B3E1 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 #78B3E1 looks like.

```
.text, #text, p{  
    color:#78B3E1  
}
```

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 #78B3E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78B3E1
}
```

Border

The CSS property to change the border of an element to Hex 78B3E1 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
#78B3E1 }
```

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

```
.border{ border-color:#78B3E1 }
```

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

Here you see how a box with a 4 pixel #78B3E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78B3E1; -webkit-box-shadow:4px 4px  
4px 4px #78B3E1; box-shadow:4px 4px 4px  
4px #78B3E1 }
```

Background

The CSS property to change the background color of an element to Hex 78B3E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78B3E1 }
```

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

```
.background{ background-color:#78B3E1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor