

Converting Colors

Hex(78ABDD)

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

Hex(78ABDD)	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(78ABDD)

Conversions

Conversions Part 1

Format	Color
Hex	78ABDD
RGB	120, 171, 221
RGB Percent	47%, 67%, 87%
CMY	0.5294, 0.3294, 0.1333
CMYK	0.46, 0.23, 0.00, 0.13
HSL	210°, 60%, 67%
HSV	210°, 46%, 87%
XYZ	35.3598, 38.3393, 73.9432
YIQ	161.4510, -46.4460, 4.7380

Conversions

Conversions Part 2

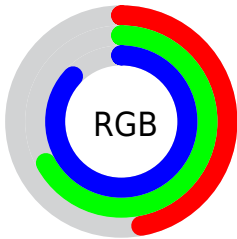
Format	Color
RYB	120, 154, 221
Decimal	7908317
CIELab	68.27, -3.63, -30.50
CIELCh	68, 30.718, 263.220
Yxy	38.3393, 0.2395, 0.2597
Android (android.graphics.Color)	4286098397 (0xFF78ABDD)
YUV	161.4510, 29.3577, -36.3525
Hunter-Lab	61.9188, -6.4224, -27.4608

Details

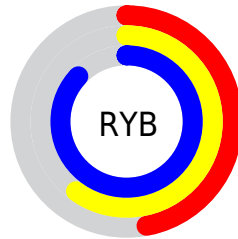
The Hex color **78ABDD** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DDAA78**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B0E2FF**, and **4077A6** is the 20% darker color. If you saturate the color by 10%, you get **62A0DD**, and if you desaturate by 10%, it is **8EB6DD**.

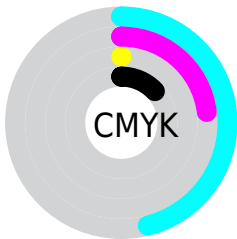
Distribution



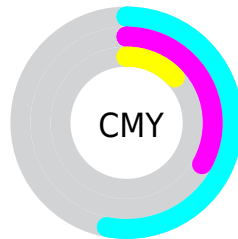
- Red (47%)
- Green (67%)
- Blue (87%)



- Red (47%)
- Yellow (60%)
- Blue (87%)



- Cyan (46%)
- Magenta (23%)
- Yellow (0%)
- Black (13%)



- Cyan (53%)
- Magenta (33%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 78ABDD

 78ABDD

FFFFFF

 5C91C1

 B0E2FF

 4077A6

 CDFFFF

 1F5E8B

 EAFFFF

 004772

 003159

 001C41

 00032B

 000115

 000000

■ 78ABDD

■ 78ABDD

■ 62A0DD

■ 8EB6DD

■ 4C95DD

■ A4C1DD

■ 368ADD

■ BACCDD

■ 207FDD

■ D0D7DD

■ 0A74DD

■ E7E2DD

■ 0070DD

■ FDEDDD

■ FFF8DD

■ FFFFDD

Harmonies

Analogous

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



54B2D2



78ABDD



A2A2D9

Triad

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



78ABDD



DE9392



83B284

Complementary

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



78ABDD



DDAA78

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.



A3AB73



78ABDD



D4997B

Square

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



78ABDD



D992AE



C0A36F



63B59F

Rectangle

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



78ABDD



BA9BCF



C0A36F



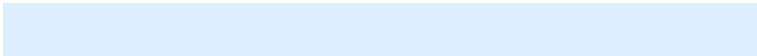
8EB07D

Sweetspot

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



78ABDD



DBEDFF



78DDA9



6A7580



000000



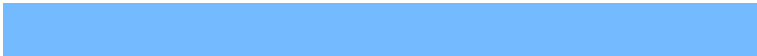
808080

Same Dimension

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



78ABDD



73BAFF



787ADD



63686E



0058AD



00172E

Inverse Universe

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



DD78AB



FF73BA



DDDB78



6E6368



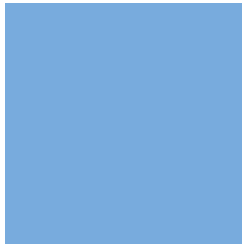
AD0058



2E0017

Previews

White Background



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

Color Contrast Check

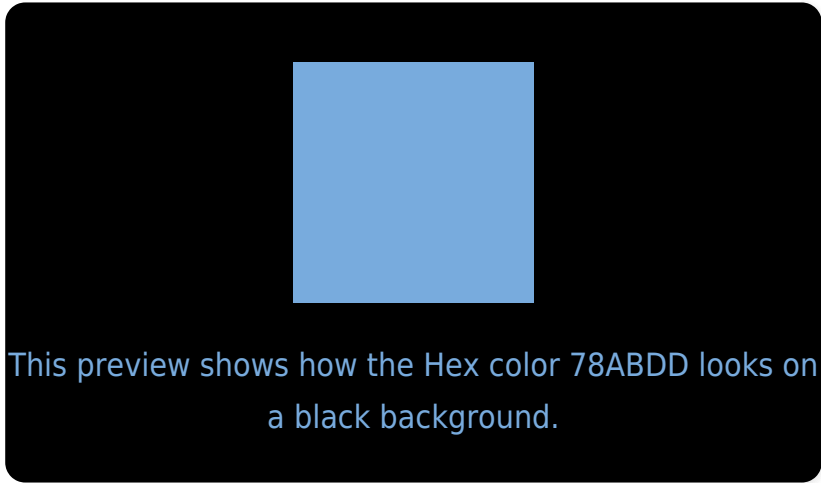
Large Text (above 18pt) WCAG AA × Fail

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 78ABDD Background



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

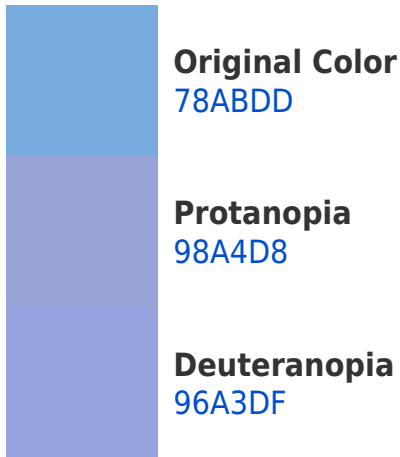


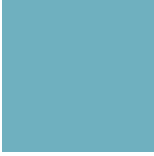
This preview shows how white text looks on a background with the Hex color 78ABDD.

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](#).

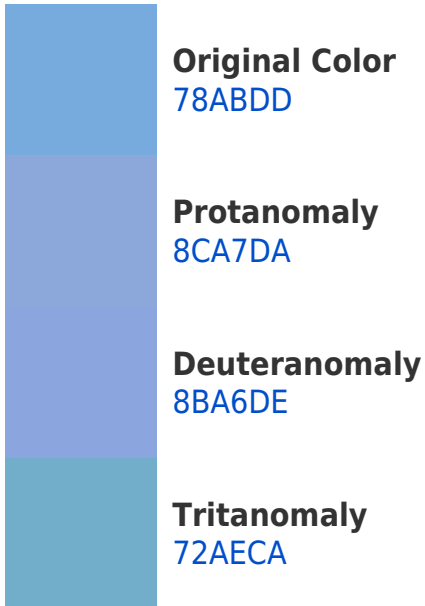
Dichromacy



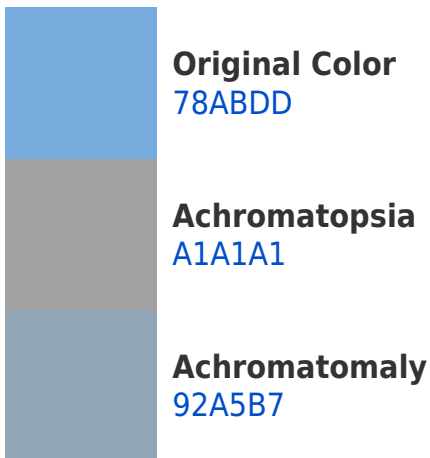


Tritanopia
6FB0BF

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #78ABDD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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