

Converting Colors

Hex(78ABDF)

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

Hex(78ABDF)	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(78ABDF)

Conversions

Conversions Part 1

Format	Color
Hex	78ABDF
RGB	120, 171, 223
RGB Percent	47%, 67%, 87%
CMY	0.5294, 0.3294, 0.1255
CMYK	0.46, 0.23, 0.00, 0.13
HSL	210°, 62%, 67%
HSV	210°, 46%, 87%
XYZ	35.6279, 38.4466, 75.3552
YIQ	161.6790, -47.0880, 5.3600

Conversions

Conversions Part 2

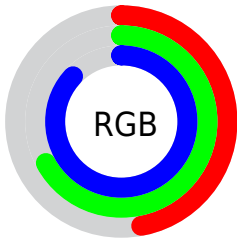
Format	Color
R_{YB}	120, 154, 223
Decimal	7908319
CIE _{Lab}	68.35, -3.06, -31.48
CIE _{LCh}	68, 31.628, 264.451
Yxy	38.4466, 0.2384, 0.2573
Android (android.graphics.Color)	4286098399 (0xFF78ABDF)
YUV	161.6790, 30.2313, -36.5525
Hunter-Lab	62.0053, -5.9442, -28.6515

Details

The Hex color **78ABDF** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DFAC78**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B0E2FF**, and **3F77A8** is the 20% darker color. If you saturate the color by 10%, you get **62A0DF**, and if you desaturate by 10%, it is **8EB6DF**.

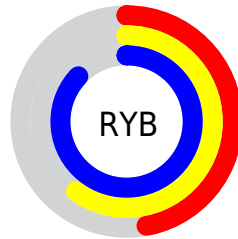
Distribution



Red (47%)

Green (67%)

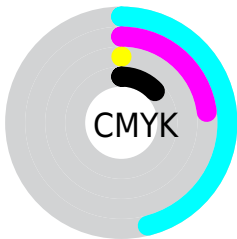
Blue (87%)



Red (47%)

Yellow (60%)

Blue (87%)

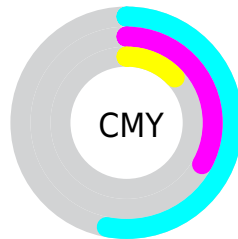


Cyan (46%)

Magenta (23%)

Yellow (0%)

Black (13%)



Cyan (53%)

Magenta (33%)

Yellow (13%)

Brightness & Saturation Gradients

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

 78ABDF

 78ABDF

FFFFFF

 5C91C3

 B0E2FF

 3F77A8

 CDFFFF

 1E5E8D

 EBFFFF

 004773

 00315A

 001C43

 00032C

 000117

 000000

■ 78ABDF

■ 78ABDF

■ 62A0DF

■ 8EB6DF

■ 4B94DF

■ A5C2DF

■ 3589DF

■ BBCDDF

■ 1F7EDF

■ D1D8DF

■ 0973DF

■ E8E3DF

■ 006EDF

■ FEEFDF

■ FFFADF

■ FFFFDF

Harmonies

Analogous

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



51B2D4



78ABDF



A3A1DB

Triad

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



78ABDF



DF9290



81B385

Complementary

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



78ABDF



DFAC78

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.



A2AC72



78ABDF



D59979

Square

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



78ABDF



DB92AD



BFA36E



5FB6A0

Rectangle

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



78ABDF



BC9AD0



BFA36E



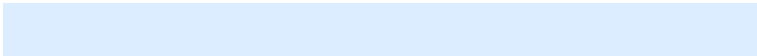
8CB17D

Sweetspot

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



78ABDF



DBEDFF



78DFAC



6A7580



000000



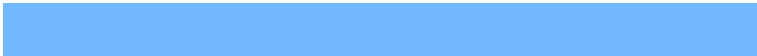
808080

Same Dimension

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



78ABDF



73B8FF



7878DF



656B70



0057B0



001830

Inverse Universe

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



DF78AB



FF73B8



DFDF78



70656B



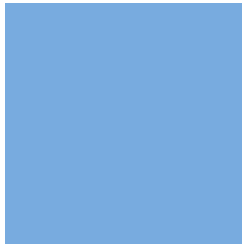
B00057



300018

Previews

White Background



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

Color Contrast Check

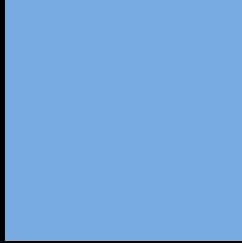
Large Text (above 18pt) WCAG AA × Fail

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 78ABDF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

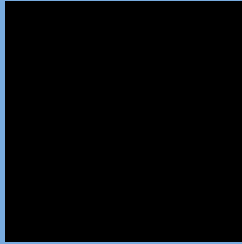
Any Text WCAG AA ✓ Pass

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 78ABDF Background



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

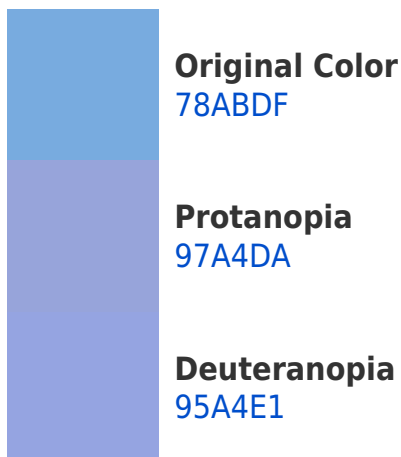


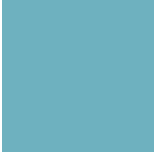
This preview shows how white text looks on a background with the Hex color 78ABDF.

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](#).

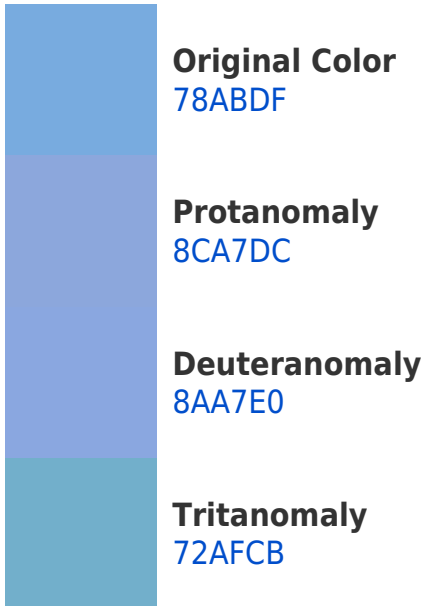
Dichromacy



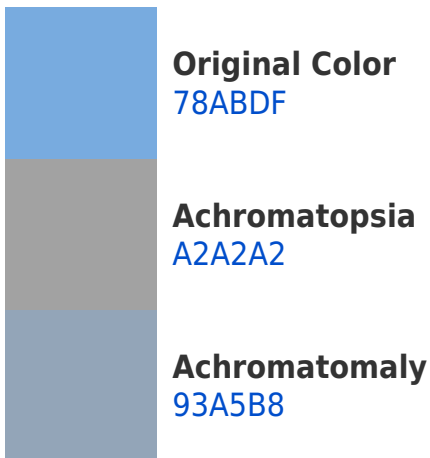


Tritanopia
6EB1BF

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #78ABDF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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