

Converting Colors

Hex(78D6ED)

Have a look what the booklet for
Hex(78D6ED) contains.

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Color

Hex(78D6ED)

Conversions

Conversions Part 1

Format	Color
Hex	78D6ED
RGB	120, 214, 237
RGB Percent	47%, 84%, 93%
CMY	0.5294, 0.1608, 0.0706
CMYK	0.49, 0.10, 0.00, 0.07
HSL	192°, 76%, 70%
HSV	192°, 49%, 93%
XYZ	47.0784, 58.2006, 88.8733
YIQ	188.5160, -63.4070, -12.7750

Conversions

Conversions Part 2

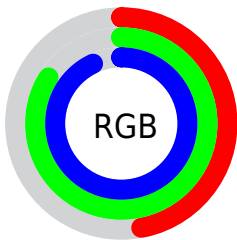
Format	Color
R _{YB}	120, 172, 237
Decimal	7919341
CIE Lab	80.85, -21.85, -19.93
CIE LCh	81, 29.573, 222.364
Yxy	58.2006, 0.2425, 0.2998
Android (android.graphics.Color)	4286109421 (0xFF78D6ED)
YUV	188.5160, 23.9026, -60.0885
Hunter-Lab	76.2893, -23.3535, -15.6674

Details

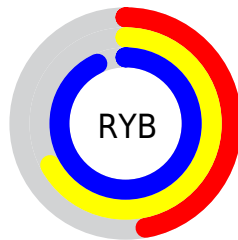
The Hex color **78D6ED** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **ED8F78**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **B3FFFF**, and **3A9FB5** is the 20% darker color. If you saturate the color by 10%, you get **60D1ED**, and if you desaturate by 10%, it is **90DBED**.

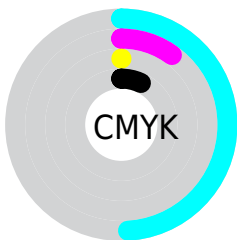
Distribution



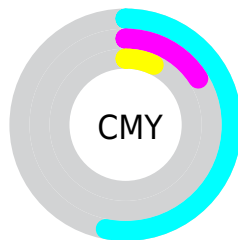
- Red (47%)
- Green (84%)
- Blue (93%)



- Red (47%)
- Yellow (67%)
- Blue (93%)



- Cyan (49%)
- Magenta (10%)
- Yellow (0%)
- Black (7%)



- Cyan (53%)
- Magenta (16%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78D6ED 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 78D6ED by changing the saturation by 10% instead.

 78D6ED

 78D6ED

FFFFFF

 5ABAD1

 B3FFFF

 3A9FB5

 D0FFFF

 0B859A

 EEEFFF

 006B80

 005367

 003C4F

 002638

 000823

 00000A

 78D6ED

 78D6ED

 60D1ED

 90DBED

 49CDED

 A7DFED

 31C8ED

 BFE4ED

 19C3ED

 D7E9ED

 02BFED

 EEDEED

 00BEED

 FFF2ED

 FFF7ED

 FFFBED

 FFFFED

Harmonies

Analogous

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



7BD8D4



78D6ED



90D0FD

Triad

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



78D6ED



F5B6DA



D1CB92

Complementary

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



78D6ED



ED8F78

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.



EBC195



78D6ED



FFB5BE

Square

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



78D6ED



DBBEF2



FDB9A5



B2D29F

Rectangle

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



78D6ED



A9CBFF



FDB9A5



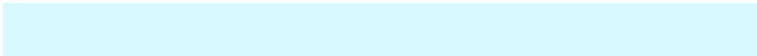
DBC891

Sweetspot

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



78D6ED



D9F7FF



78ED8D



697B80



000000



808080

Same Dimension

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



78D6ED



69E1FF



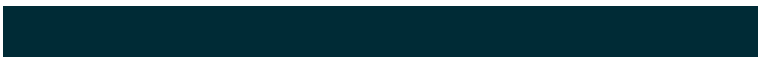
789DED



6A7375



0091B5



002B36

Inverse Universe

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



ED78D6



FF69E1



EDC878



756A73



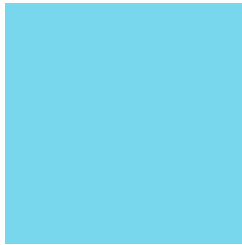
B50091



36002B

Previews

White Background



This preview shows how the Hex color 78D6ED looks on a white background.

Color Contrast Check

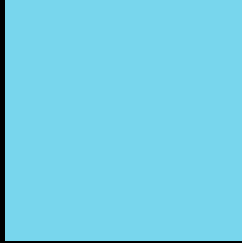
Large Text (above 18pt) WCAG AA × Fail

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 78D6ED 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 78D6ED Background



This preview shows how black text looks on a background with the Hex color 78D6ED.

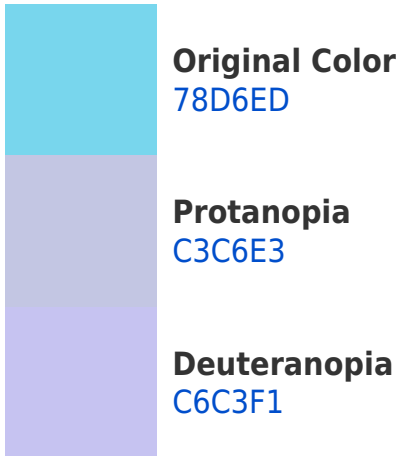


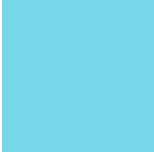
This preview shows how white text looks on a background with the Hex color 78D6ED.

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](#).

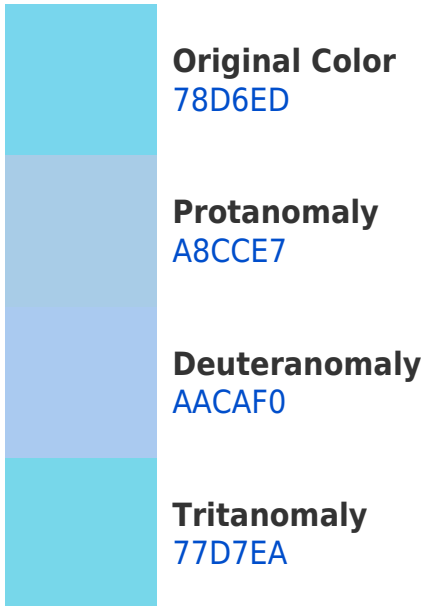
Dichromacy



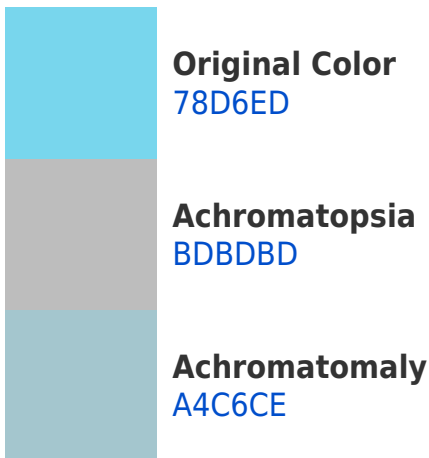


Tritanopia
76D7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78D6ED 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 #78D6ED looks like.

```
.text, #text, p{  
    color:#78D6ED  
}
```

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 #78D6ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78D6ED
}
```

Border

The CSS property to change the border of an element to Hex 78D6ED 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
#78D6ED }
```

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

```
.border{ border-color:#78D6ED }
```

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

Here you see how a box with a 4 pixel #78D6ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78D6ED; -webkit-box-shadow:4px 4px  
4px 4px #78D6ED; box-shadow:4px 4px 4px  
4px #78D6ED }
```

Background

The CSS property to change the background color of an element to Hex 78D6ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78D6ED }
```

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

```
.background{ background-color:#78D6ED }
```

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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