

Converting Colors

Hex(78D3F3)

Have a look what the booklet for
Hex(78D3F3) contains.

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Color

Hex(78D3F3)

Conversions

Conversions Part 1

Format	Color
Hex	78D3F3
RGB	120, 211, 243
RGB Percent	47%, 83%, 95%
CMY	0.5294, 0.1725, 0.0471
CMYK	0.51, 0.13, 0.00, 0.05
HSL	196°, 84%, 71%
HSV	196°, 51%, 95%
XYZ	47.2177, 57.0527, 93.3177
YIQ	187.4390, -64.5080, -9.3400

Conversions

Conversions Part 2

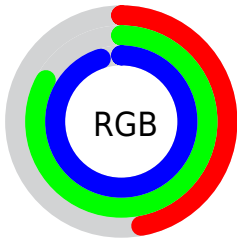
Format	Color
R _Y B	120, 172, 243
Decimal	7918579
CIE Lab	80.21, -18.70, -24.10
CIE LCh	80, 30.501, 232.192
Yxy	57.0527, 0.2390, 0.2887
Android (android.graphics.Color)	4286108659 (0xFF78D3F3)
YUV	187.4390, 27.3916, -59.1440
Hunter-Lab	75.5332, -20.5984, -20.3767

Details

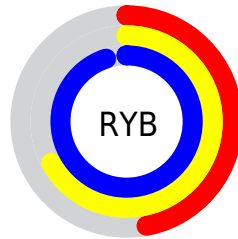
The Hex color **78D3F3** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F39878**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **B3FFFF**, and **399CBB** is the 20% darker color. If you saturate the color by 10%, you get **60CDF3**, and if you desaturate by 10%, it is **90D9F3**.

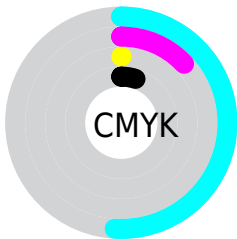
Distribution



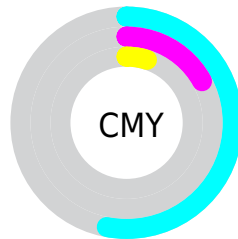
- Red (47%)
- Green (83%)
- Blue (95%)



- Red (47%)
- Yellow (67%)
- Blue (95%)



- Cyan (51%)
- Magenta (13%)
- Yellow (0%)
- Black (5%)



- Cyan (53%)
- Magenta (17%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78D3F3 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 78D3F3 by changing the saturation by 10% instead.

78D3F3

78D3F3

FFFFFF

5AB7D7

B3FFFF

399CBB

D0FFFF

0782A0

EEFFFF

006985

00516C

003A54

00243C

000427

000110

■ 78D3F3

■ 78D3F3

■ 60CDF3

■ 90D9F3

■ 47C6F3

■ A9E0F3

■ 2FC0F3

■ C1E6F3

■ 17BAF3

■ D9ECF3

■ 00B4F3

■ F1F3F3

■ FFF9F3

■ FFFFF3

Harmonies

Analogous

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



71D7DB



78D3F3



99CCFF

Triad

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



78D3F3



FAB3D0



C5CC92

Complementary

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



78D3F3



F39878

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.



E2C38F



78D3F3



FFB3B3

Square

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



78D3F3



E4B9EA



F8B99B



A5D3A3

Rectangle

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



78D3F3



B4C6FE



F8B99B



D0C98F

Sweetspot

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



78D3F3



D9F5FF



78F397



697A80



000000



808080

Same Dimension

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



78D3F3



63D7FF



7897F3



6E777A



008ABA



002B3B

Inverse Universe

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



F378D3



FF63D7



F3D478



7A6E77



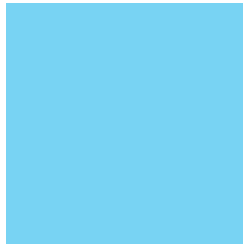
BA008A



3B002B

Previews

White Background



This preview shows how the Hex color 78D3F3 looks on a white background.

Color Contrast Check

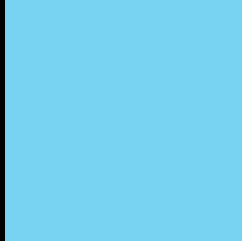
Large Text (above 18pt) WCAG AA × Fail

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 78D3F3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

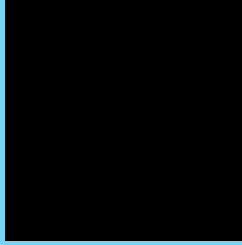
Any Text WCAG AA ✓ Pass

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 78D3F3 Background



This preview shows how black text looks on a background with the Hex color 78D3F3.

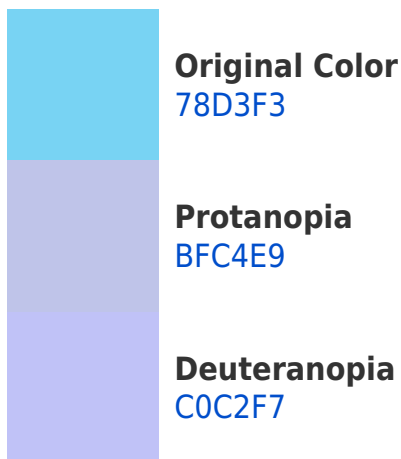


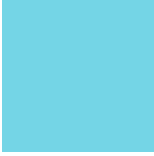
This preview shows how white text looks on a background with the Hex color 78D3F3.

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](#).

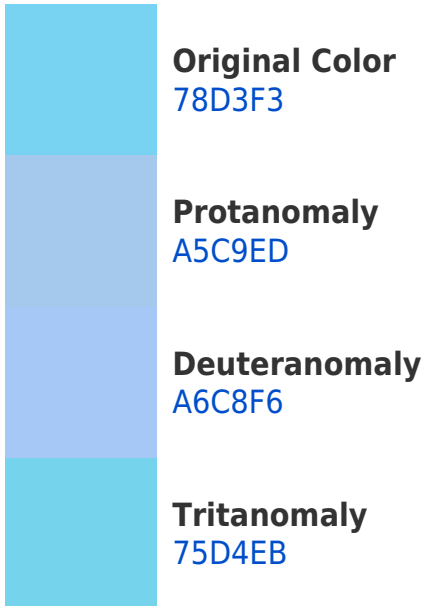
Dichromacy



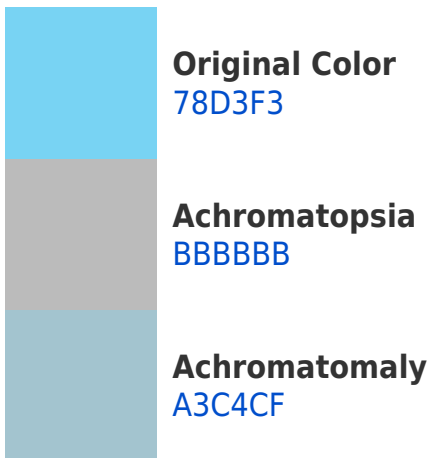


Tritanopia
74D5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78D3F3 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 #78D3F3 looks like.

```
.text, #text, p{  
    color:#78D3F3  
}
```

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 #78D3F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78D3F3
}
```

Border

The CSS property to change the border of an element to Hex 78D3F3 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
#78D3F3 }
```

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

```
.border{ border-color:#78D3F3 }
```

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

Here you see how a box with a 4 pixel #78D3F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78D3F3; -webkit-box-shadow:4px 4px  
4px 4px #78D3F3; box-shadow:4px 4px 4px  
4px #78D3F3 }
```

Background

The CSS property to change the background color of an element to Hex 78D3F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78D3F3 }
```

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

```
.background{ background-color:#78D3F3 }
```

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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