

Converting Colors

Hex(78DAF1)

Have a look what the booklet for
Hex(78DAF1) contains.

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Color

Hex(78DAF1)

Conversions

Conversions Part 1

Format	Color
Hex	78DAF1
RGB	120, 218, 241
RGB Percent	47%, 85%, 95%
CMY	0.5294, 0.1451, 0.0549
CMYK	0.50, 0.10, 0.00, 0.05
HSL	191°, 81%, 71%
HSV	191°, 50%, 95%
XYZ	48.6943, 60.4868, 92.3277
YIQ	191.3200, -65.7910, -13.6230

Conversions

Conversions Part 2

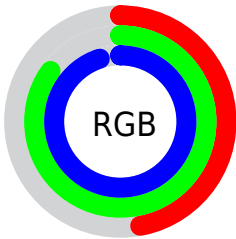
Format	Color
R _Y B	120, 174, 241
Decimal	7920369
CIE Lab	82.10, -22.77, -20.16
CIE LCh	82, 30.413, 221.520
Yxy	60.4868, 0.2416, 0.3002
Android (android.graphics.Color)	4286110449 (0xFF78DAF1)
YUV	191.3200, 24.4922, -62.5476
Hunter-Lab	77.7732, -24.3432, -15.9443

Details

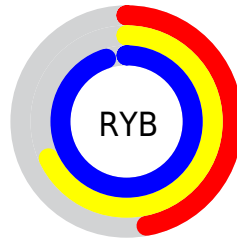
The Hex color **78DAF1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **F18F78**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B3FFFF**, and **39A3B9** is the 20% darker color. If you saturate the color by 10%, you get **60D5F1**, and if you desaturate by 10%, it is **90DFF1**.

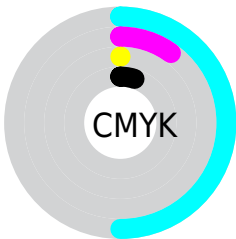
Distribution



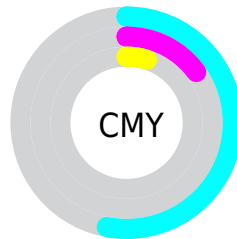
- Red (47%)
- Green (85%)
- Blue (95%)



- Red (47%)
- Yellow (68%)
- Blue (95%)



- Cyan (50%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (53%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78DAF1 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 78DAF1 by changing the saturation by 10% instead.

 78DAF1

 78DAF1

FFFFFF

 5ABED5

 B3FFFF

 39A3B9

 D1FFFF

 05889E

 EFFFFFF

 006F84

 00566B

 003F52

 00283B

 001026

 00010F

 78DAF1

 78DAF1

 60D5F1

 90DFF1

 48D1F1

 A8E3F1

 30CCF1

 C0E8F1

 18C8F1

 D8ECF1

 00C3F1

 F0F1F1

 FFF5F1

 FFFAF1

 FFFFF1

Harmonies

Analogous

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



7CDCD7



78DAF1



91D4FF

Triad

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



78DAF1



FAB9DF



D6CE94

Complementary

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



78DAF1



F18F78

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.



F1C497



78DAF1



FFB7C2

Square

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



78DAF1



DEC1F7



FFBCA8



B6D6A1

Rectangle

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



78DAF1



ABCEFF



FFBCA8



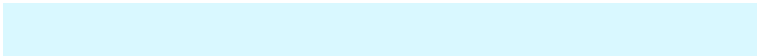
DFCB93

Sweetspot

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



78DAF1



D9F8FF



78F18E



697B80



000000



808080

Same Dimension

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



78DAF1



66E2FF



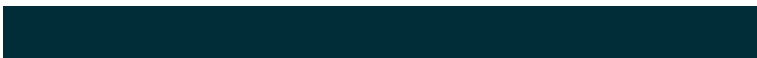
789EF1



6C7678



0095B8



002D38

Inverse Universe

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



F178DA



FF66E2



F1CB78



786C76



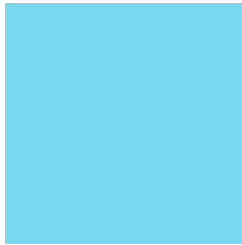
B80095



38002D

Previews

White Background



This preview shows how the Hex color 78DAF1 looks on a white background.

Color Contrast Check

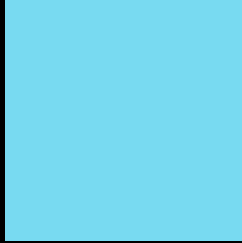
Large Text (above 18pt) WCAG AA × Fail

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 78DAF1 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 78DAF1 Background



This preview shows how black text looks on a background with the Hex color 78DAF1.

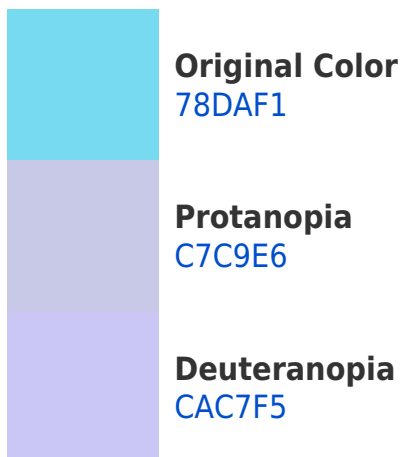


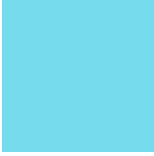
This preview shows how white text looks on a background with the Hex color 78DAF1.

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](#).

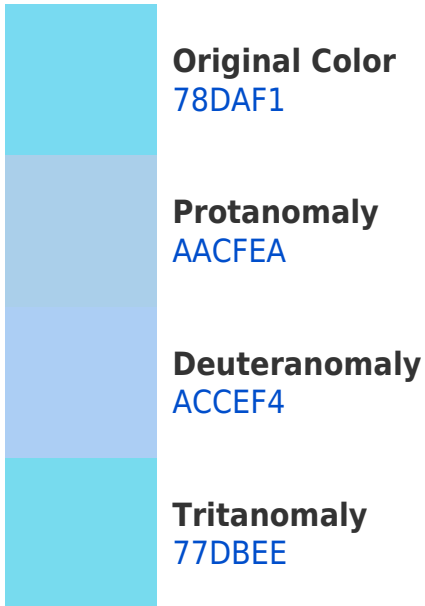
Dichromacy



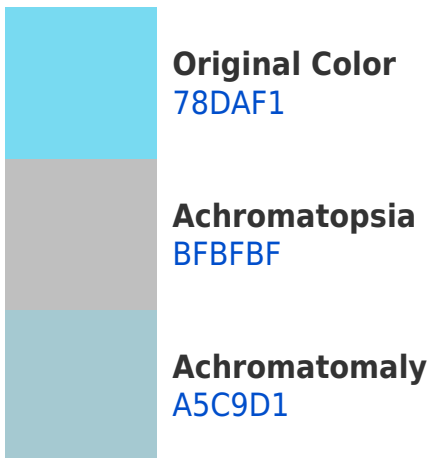


Tritanopia
76DBEC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78DAF1 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 #78DAF1 looks like.

```
.text, #text, p{  
    color:#78DAF1  
}
```

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 #78DAF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78DAF1
}
```

Border

The CSS property to change the border of an element to Hex 78DAF1 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
#78DAF1 }
```

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

```
.border{ border-color:#78DAF1 }
```

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

Here you see how a box with a 4 pixel #78DAF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78DAF1; -webkit-box-shadow:4px 4px  
4px 4px #78DAF1; box-shadow:4px 4px 4px  
4px #78DAF1 }
```

Background

The CSS property to change the background color of an element to Hex 78DAF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78DAF1 }
```

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

```
.background{ background-color:#78DAF1 }
```

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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