

Converting Colors

Hex(78DAD9)

Have a look what the booklet for
Hex(78DAD9) contains.

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Color

Hex(78DAD9)

Conversions

Conversions Part 1

Format	Color
Hex	78DAD9
RGB	120, 218, 217
RGB Percent	47%, 85%, 85%
CMY	0.5294, 0.1451, 0.1490
CMYK	0.45, 0.00, 0.00, 0.15
HSL	179°, 57%, 66%
HSV	179°, 45%, 85%
XYZ	45.3415, 59.1456, 74.6721
YIQ	188.5840, -58.0870, -21.0870

Conversions

Conversions Part 2

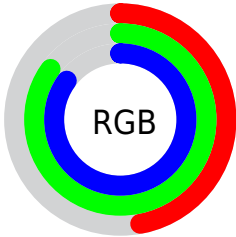
Format	Color
R_{YB}	120, 169, 218
Decimal	7920345
CIE _{Lab}	81.37, -29.02, -8.49
CIE _{LCh}	81, 30.240, 196.305
Yxy	59.1456, 0.2531, 0.3301
Android (android.graphics.Color)	4286110425 (0xFF78DAD9)
YUV	188.5840, 14.0091, -60.1482
Hunter-Lab	76.9062, -29.3478, -3.7333

Details

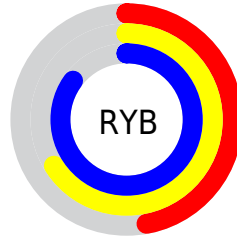
The Hex color **78DAD9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DA7879**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **B2FFFF**, and **3CA3A2** is the 20% darker color. If you saturate the color by 10%, you get **62DAD9**, and if you desaturate by 10%, it is **8EDAD9**.

Distribution



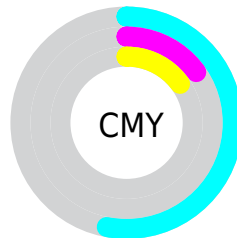
- Red (47%)
- Green (85%)
- Blue (85%)



- Red (47%)
- Yellow (66%)
- Blue (85%)



- Cyan (45%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 78DAD9 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 78DAD9 by changing the saturation by 10% instead.

 78DAD9

 78DAD9

FFFFFF

 5BBEBD


 B2FFFF

 3CA3A2

 CFFFFFF

 158888

 EDFFFF

 006E6F

 005656

 003E3F

 002829

 000A15

 000000

 78DAD9

 78DAD9

 62DAD9

 8EDAD9

 4CDAD9

 A4DAD9

 37DAD8

 B9DADA

 21DAD8

 CFDADA

 0BDAD8

 E5DADA

 00DAD8

 FBDADA

 FFDADB

Harmonies

Analogous

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



8FD9BC



78DAD9



79D7F2

Triad

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



78DAD9



E1BEF1



EBC494

Complementary

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



78DAD9



DA7879

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.



FEBBA2



78DAD9



FAB7D8

Square

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



78DAD9



BDC7FF



FFB6BC



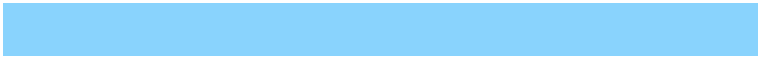
CFCD94

Rectangle

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



78DAD9



89D3FD



FFB6BC



F2C197

Sweetspot

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



78DAD9



DEFFFF



7ADA78



6B807F



000000



808080

Same Dimension

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



78DAD9



75FFFE



78ABDA



636E6E



00ADAC



002E2D

Inverse Universe

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



DA7879



FF7577



DAA778



6E6363



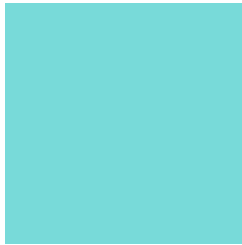
AD0002



2E0000

Previews

White Background



This preview shows how the Hex color 78DAD9 looks on a white background.

Color Contrast Check

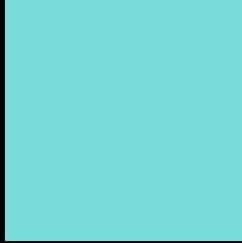
Large Text (above 18pt) WCAG AA × Fail

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 78DAD9 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 78DAD9 Background



This preview shows how black text looks on a background with the Hex color 78DAD9.

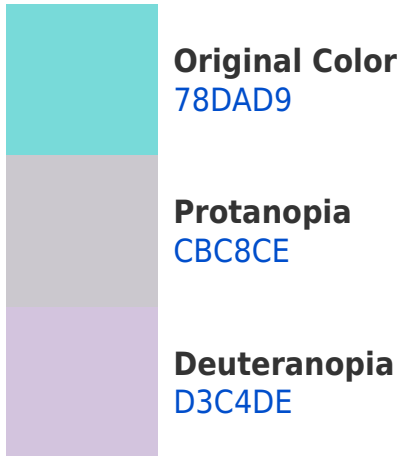


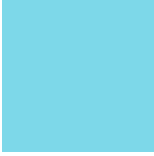
This preview shows how white text looks on a background with the Hex color 78DAD9.

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
7DD8E9

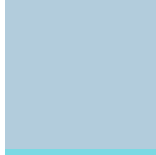
Trichromacy



Original Color
78DAD9



Protanomaly
ADCFD2



Deuteranomaly
B2CCDC

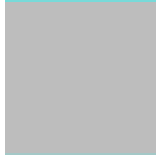


Tritanomaly
7BD9E3

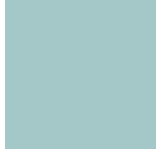
Monochromacy



Original Color
78DAD9



Achromatopsia
BDBDBD



Achromatomaly
A4C8C7

CSS Examples

Text

The CSS property to change the color of the text to Hex 78DAD9 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 #78DAD9 looks like.

```
.text, #text, p{  
    color:#78DAD9  
}
```

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 #78DAD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78DAD9
}
```

Border

The CSS property to change the border of an element to Hex 78DAD9 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
#78DAD9 }
```

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

```
.border{ border-color:#78DAD9 }
```

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

Here you see how a box with a 4 pixel #78DAD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78DAD9; -webkit-box-shadow:4px 4px  
4px 4px #78DAD9; box-shadow:4px 4px 4px  
4px #78DAD9 }
```

Background

The CSS property to change the background color of an element to Hex 78DAD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78DAD9 }
```

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

```
.background{ background-color:#78DAD9 }
```

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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