

Converting Colors

Hex(78D6D6)

Have a look what the booklet for
Hex(78D6D6) contains.

Hex(78D6D6)	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(78D6D6)

Conversions

Conversions Part 1

Format	Color
Hex	78D6D6
RGB	120, 214, 214
RGB Percent	47%, 84%, 84%
CMY	0.5294, 0.1608, 0.1608
CMYK	0.44, 0.00, 0.00, 0.16
HSL	180°, 53%, 65%
HSV	180°, 44%, 84%
XYZ	43.9299, 56.9412, 72.2937
YIQ	185.8940, -56.0240, -19.9280

Conversions

Conversions Part 2

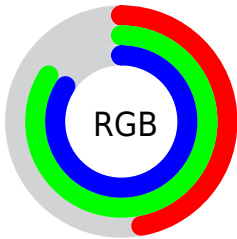
Format	Color
RYB	120, 167, 214
Decimal	7919318
CIELab	80.15, -27.84, -8.71
CIElCh	80, 29.171, 197.371
Yxy	56.9412, 0.2537, 0.3288
Android (android.graphics.Color)	4286109398 (0xFF78D6D6)
YUV	185.8940, 13.8563, -57.7890
Hunter-Lab	75.4594, -28.1374, -3.9811

Details

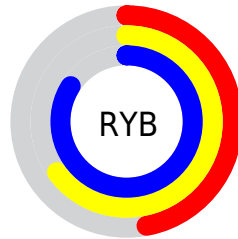
The Hex color **78D6D6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D67878**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **B1FFFF**, and **3D9F9F** is the 20% darker color. If you saturate the color by 10%, you get **63D6D6**, and if you desaturate by 10%, it is **8DD6D6**.

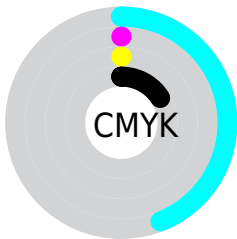
Distribution



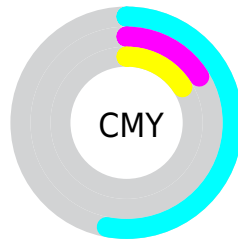
- Red (47%)
- Green (84%)
- Blue (84%)



- Red (47%)
- Yellow (65%)
- Blue (84%)



- Cyan (44%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 78D6D6 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 78D6D6 by changing the saturation by 10% instead.

 78D6D6

 78D6D6

FFFFFF

 5BBABA

 B1FFFF

 3D9F9F

 CFFFFFF

 188585

 ECFFFF

 006B6C

 005254

 003B3D

 002527

 000213

 000000

 78D6D6

 78D6D6

 63D6D6

 8DD6D6

 4DD6D6

 A3D6D6

 38D6D6

 B8D6D6

 22D6D6

 CED6D6

 0DD6D6

 E3D6D6

 00D6D6

 F8D6D6

 FFD6D6

Harmonies

Analogous

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



8DD5BA



78D6D6



7AD3EE

Triad

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



78D6D6



DEBBEC



E5C192

Complementary

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



78D6D6



D67878

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.



F8B8A0



78D6D6



F6B4D3

Square

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



78D6D6



BBC4FA



FEB3B8



CACA93

Rectangle

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



78D6D6



8ACFF8



FEB3B8



EDBE95

Sweetspot

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



78D6D6



DEFFFF



78D678



6B8080



000000



808080

Same Dimension

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



78D6D6



78FFFF



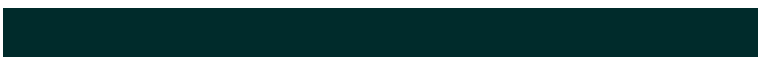
78A7D6



606B6B



00ABAB



002B2B

Inverse Universe

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



D678D6



FF78FF



D6A778



6B606B



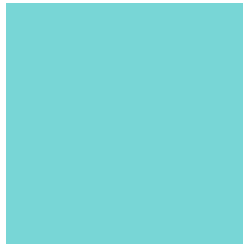
AB00AB



2B002B

Previews

White Background



This preview shows how the Hex color 78D6D6 looks on a white background.

Color Contrast Check

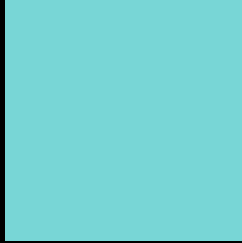
Large Text (above 18pt) WCAG AA × Fail

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 78D6D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

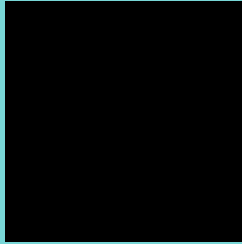
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

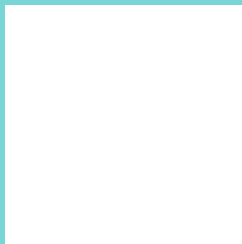
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 78D6D6 Background



This preview shows how black text looks on a background with the Hex color 78D6D6.

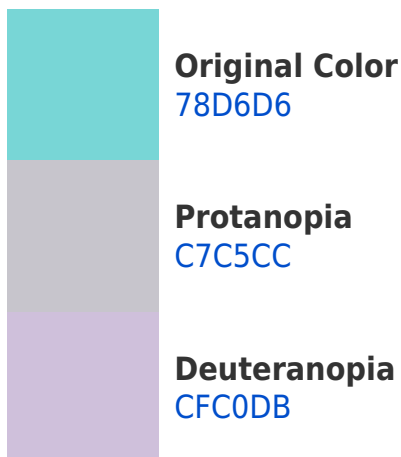


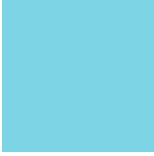
This preview shows how white text looks on a background with the Hex color 78D6D6.

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
7CD4E5

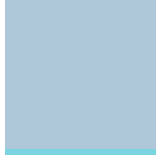
Trichromacy



Original Color
78D6D6



Protanomaly
AACBD0



Deuteranomaly
AFC8D9

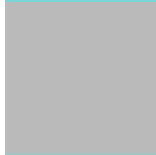


Tritanomaly
7BD5E0

Monochromacy



Original Color
78D6D6



Achromatopsia
BABABA



Achromatomaly
A2C4C4

CSS Examples

Text

The CSS property to change the color of the text to Hex 78D6D6 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 #78D6D6 looks like.

```
.text, #text, p{  
    color:#78D6D6  
}
```

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 #78D6D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78D6D6
}
```

Border

The CSS property to change the border of an element to Hex 78D6D6 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
#78D6D6 }
```

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

```
.border{ border-color:#78D6D6 }
```

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

Here you see how a box with a 4 pixel #78D6D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78D6D6; -webkit-box-shadow:4px 4px  
4px 4px #78D6D6; box-shadow:4px 4px 4px  
4px #78D6D6 }
```

Background

The CSS property to change the background color of an element to Hex 78D6D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78D6D6 }
```

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

```
.background{ background-color:#78D6D6 }
```

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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