

Converting Colors

Hex(7DCDDE)

Have a look what the booklet for
Hex(7DCDDE) contains.

Hex(7DCDDE)	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(7DCDDE)

Conversions

Conversions Part 1

Format	Color
Hex	7DCDDE
RGB	125, 205, 222
RGB Percent	49%, 80%, 87%
CMY	0.5098, 0.1961, 0.1294
CMYK	0.44, 0.08, 0.00, 0.13
HSL	191°, 60%, 68%
HSV	191°, 44%, 87%
XYZ	43.4736, 53.2965, 77.1032
YIQ	183.0180, -53.1370, -11.6730

Conversions

Conversions Part 2

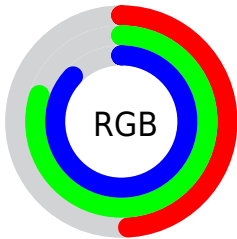
Format	Color
RYB	125, 169, 222
Decimal	8244702
CIELab	78.05, -20.15, -16.11
CIELCh	78, 25.796, 218.649
Yxy	53.2965, 0.2500, 0.3065
Android (android.graphics.Color)	4286434782 (0xFF7DCDDE)
YUV	183.0180, 19.2181, -50.8818
Hunter-Lab	73.0045, -21.4625, -11.5156

Details

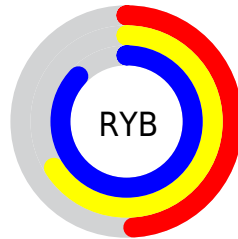
The Hex color **7DCDDE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DE8E7D**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **B6FFFF**, and **4497A7** is the 20% darker color. If you saturate the color by 10%, you get **67C9DE**, and if you desaturate by 10%, it is **93D1DE**.

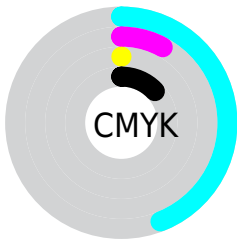
Distribution



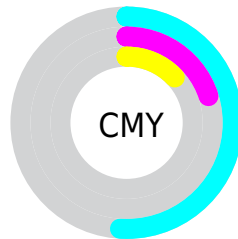
- Red (49%)
- Green (80%)
- Blue (87%)



- Red (49%)
- Yellow (66%)
- Blue (87%)



- Cyan (44%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (51%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DCDDE 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 7DCDDE by changing the saturation by 10% instead.

 7DCDDE

 7DCDDE

FFFFFF

 61B1C2

 B6FFFF

 4497A7

 D3FFFF

 237D8C

 F0FFFF

 006473

 004B5A

 003443

 00202D

 000118

 000000

 7DCDDE

 7DCDDE

 67C9DE

 93D1DE

 51C5DE

 A9D5DE

 3AC1DE

 C0D9DE

 24BDDE

 D6DDDE

 0EBADE

 ECE0DE

 00B7DE

 FFE4DE

 FFE8DE

 FFECDE

 FFF0DE

Harmonies

Analogous

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



81CFC7



7DCDDE



8FC8ED

Triad

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



7DCDDE



E6B2D3



CCC292

Complementary

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



7DCDDE



DE8E7D

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.



E2BA95



7DCDDE



F1B0BB

Square

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



7DCDDE



CEB9E6



F0B3A4



B1C99B

Rectangle

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



7DCDDE



A3C3F0



F0B3A4



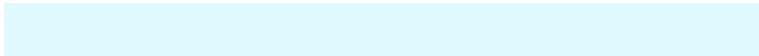
D4BF91

Sweetspot

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



7DCDDE



DEF9FF



7DDE8D



6B7C80



000000



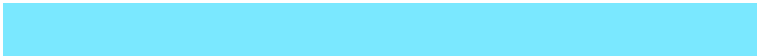
808080

Same Dimension

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



7DCDDE



7AE8FF



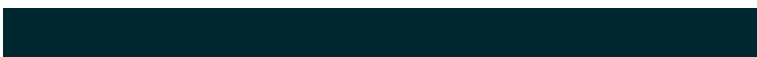
7D9DDE



656E70



0091B0



002830

Inverse Universe

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



DE7DCD



FF7AE8



DEBE7D



70656E



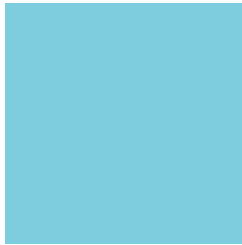
B00091



300028

Previews

White Background



This preview shows how the Hex color 7DCDDE looks on a white background.

Color Contrast Check

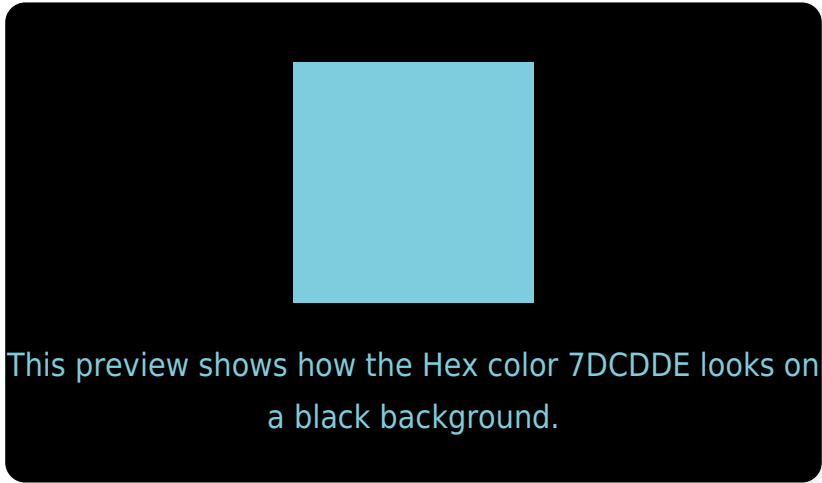
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

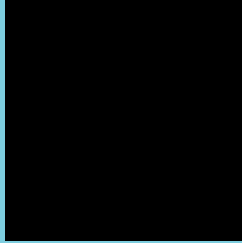
Any Text WCAG AA ✓ Pass

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 7DCDDE Background



This preview shows how black text looks on a background with the Hex color 7DCDDE.

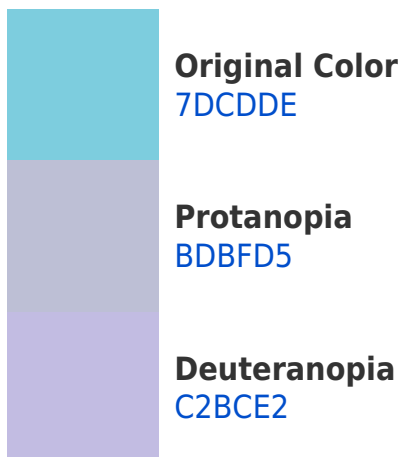


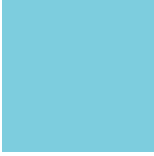
This preview shows how white text looks on a background with the Hex color 7DCDDE.

Color Blindness Simulation

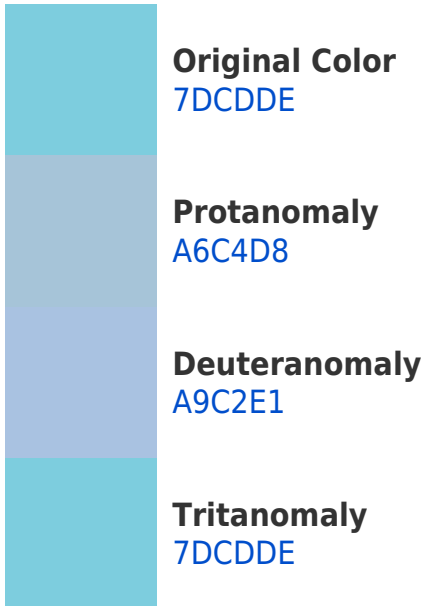
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

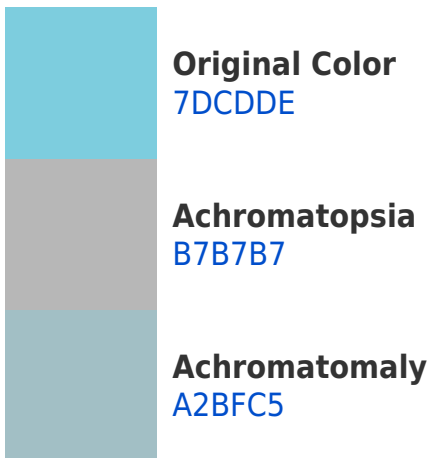




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DCDDE 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 #7DCDDE looks like.

```
.text, #text, p{  
    color:#7DCDDE  
}
```

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 #7DCDDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DCDDE
}
```

Border

The CSS property to change the border of an element to Hex 7DCDDE 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
#7DCDDE }
```

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

```
.border{ border-color:#7DCDDE }
```

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

Here you see how a box with a 4 pixel #7DCDDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DCDDE; -webkit-box-shadow:4px 4px  
4px 4px #7DCDDE; box-shadow:4px 4px 4px  
4px #7DCDDE }
```

Background

The CSS property to change the background color of an element to Hex 7DCDDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DCDDE }
```

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

```
.background{ background-color:#7DCDDE }
```

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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