

Converting Colors

Hex(7DD9DA)

Have a look what the booklet for
Hex(7DD9DA) contains.

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Color

Hex(7DD9DA)

Conversions

Conversions Part 1

Format	Color
Hex	7DD9DA
RGB	125, 217, 218
RGB Percent	49%, 85%, 85%
CMY	0.5098, 0.1490, 0.1451
CMYK	0.43, 0.00, 0.00, 0.15
HSL	181°, 56%, 67%
HSV	181°, 43%, 85%
XYZ	45.9252, 59.0476, 75.3065
YIQ	189.6060, -55.1530, -19.1930

Conversions

Conversions Part 2

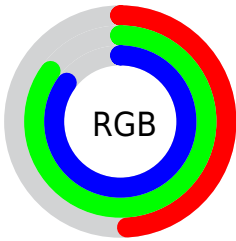
Format	Color
RYB	125, 171, 218
Decimal	8247770
CIELab	81.32, -27.12, -9.08
CIElCh	81, 28.602, 198.511
Yxy	59.0476, 0.2547, 0.3275
Android (android.graphics.Color)	4286437850 (0xFF7DD9DA)
YUV	189.6060, 13.9982, -56.6595
Hunter-Lab	76.8425, -27.7931, -4.3152

Details

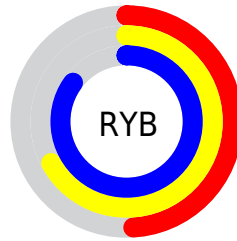
The Hex color **7DD9DA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DA7E7D**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **B6FFFF**, and **43A2A3** is the 20% darker color. If you saturate the color by 10%, you get **67D9DA**, and if you desaturate by 10%, it is **93D9DA**.

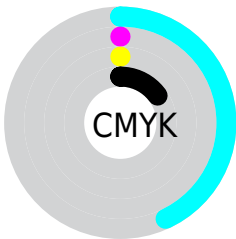
Distribution



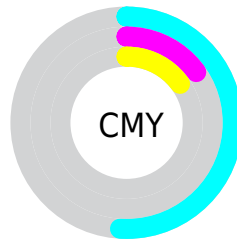
- Red (49%)
- Green (85%)
- Blue (85%)



- Red (49%)
- Yellow (67%)
- Blue (85%)



- Cyan (43%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (51%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DD9DA 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 7DD9DA by changing the saturation by 10% instead.

 7DD9DA

 7DD9DA

FFFFFF

 60BDBE

 B6FFFF

 43A2A3

 D4FFFF

 218789

 F1FFFF

 006E70

 005557

 003D40

 00272A

 000A16

 000000

 7DD9DA

 7DD9DA

 67D9DA

 93D9DA

 51D9DA

 A9D9DA

 3CD8DA

 BEDADA

 26D8DA

 D4DADA

 10D8DA

 EADADA

 00D8DA

 FFDADA

 FFDBDA

Harmonies

Analogous

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



91D8BE



7DD9DA



80D6F1

Triad

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



7DD9DA



E2BEEE



E7C596

Complementary

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



7DD9DA



DA7E7D

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.



FABCA3



7DD9DA



F9B8D5

Square

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



7DD9DA



C0C7FD



FFB7BA



CCCE97

Rectangle

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



7DD9DA



90D2FB



FFB7BA



EFC299

Sweetspot

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



7DD9DA



DEFFFF



7DDA7D



6B7F80



000000



808080

Same Dimension

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



7DD9DA



7DFEFF



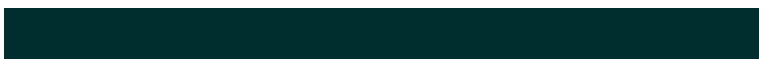
7DABDA



636E6E



00ACAD



002D2E

Inverse Universe

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



DA7DD9



FF7DFE



DAAB7D



6E636E



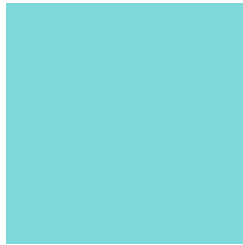
AD00AC



2E002D

Previews

White Background



This preview shows how the Hex color 7DD9DA looks on a white background.

Color Contrast Check

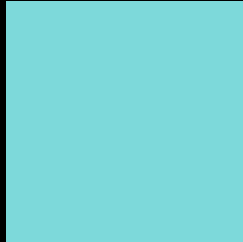
Large Text (above 18pt) WCAG AA × Fail

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 7DD9DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

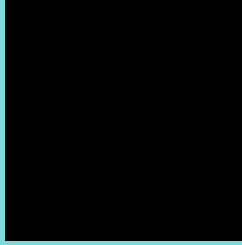
Any Text WCAG AA ✓ Pass

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 7DD9DA Background



This preview shows how black text looks on a background with the Hex color 7DD9DA.

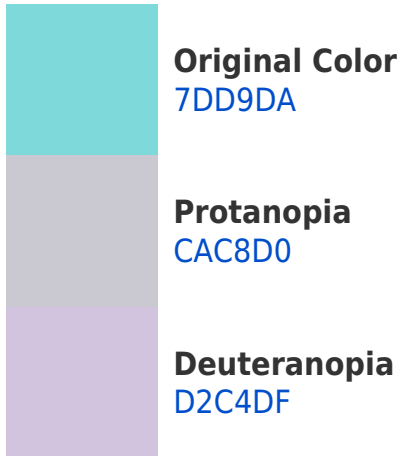


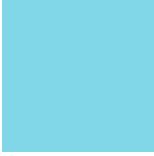
This preview shows how white text looks on a background with the Hex color 7DD9DA.

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
81D7E8

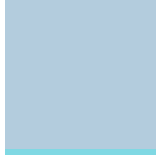
Trichromacy



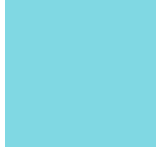
Original Color
7DD9DA



Protanomaly
AECED4



Deuteranomaly
B3CCDD

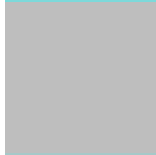


Tritanomaly
80D8E3

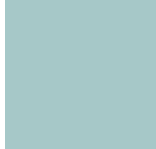
Monochromacy



Original Color
7DD9DA



Achromatopsia
BEBEBE



Achromatomaly
A6C8C8

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DD9DA 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 #7DD9DA looks like.

```
.text, #text, p{  
    color:#7DD9DA  
}
```

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 #7DD9DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DD9DA
}
```

Border

The CSS property to change the border of an element to Hex 7DD9DA 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
#7DD9DA }
```

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

```
.border{ border-color:#7DD9DA }
```

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

Here you see how a box with a 4 pixel #7DD9DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DD9DA; -webkit-box-shadow:4px 4px  
4px 4px #7DD9DA; box-shadow:4px 4px 4px  
4px #7DD9DA }
```

Background

The CSS property to change the background color of an element to Hex 7DD9DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DD9DA }
```

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

```
.background{ background-color:#7DD9DA }
```

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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