

Converting Colors

Hex(8DD7E1)

Have a look what the booklet for
Hex(8DD7E1) contains.

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Color

Hex(8DD7E1)

Conversions

Conversions Part 1

Format	Color
Hex	8DD7E1
RGB	141, 215, 225
RGB Percent	55%, 84%, 88%
CMY	0.4471, 0.1569, 0.1176
CMYK	0.37, 0.04, 0.00, 0.12
HSL	187°, 58%, 72%
HSV	187°, 37%, 88%
XYZ	48.8756, 59.6998, 80.1814
YIQ	194.0140, -47.3140, -12.5780

Conversions

Conversions Part 2

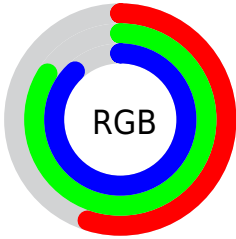
Format	Color
RYB	141, 180, 225
Decimal	9295841
CIELab	81.67, -20.43, -12.20
CIELCh	82, 23.799, 210.844
Yxy	59.6998, 0.2589, 0.3163
Android (android.graphics.Color)	4287485921 (0xFF8DD7E1)
YUV	194.0140, 15.2761, -46.4933
Hunter-Lab	77.2657, -22.3021, -7.4414

Details

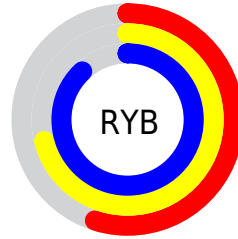
The Hex color **8DD7E1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E1978D**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **C6FFFF**, and **56A0AA** is the 20% darker color. If you saturate the color by 10%, you get **77D4E1**, and if you desaturate by 10%, it is **A4DAE1**.

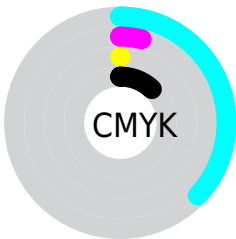
Distribution



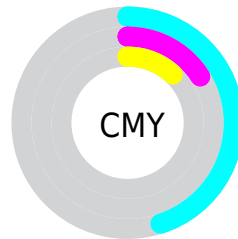
- Red (55%)
- Green (84%)
- Blue (88%)



- Red (55%)
- Yellow (71%)
- Blue (88%)



- Cyan (37%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (45%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8DD7E1 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 8DD7E1 by changing the saturation by 10% instead.

8DD7E1

8DD7E1

FFFFFF

71BBC5

C6FFFF

56A0AA

E3FFFF

39868F

186C76

00545D

003C45

00262F

000D1B

000000

8DD7E1

8DD7E1

77D4E1

A4DAE1

60D2E1

BADCE1

4ACFE1

D1DFE1

33CCE1

E7E2E1

1DCAE1

FEE4E1

06C7E1

FFE7E1

00C6E1

FFEAE1

FFECE1

FFEFE1

Harmonies

Analogous

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



95D8CB



8DD7E1



98D3F1

Triad

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



8DD7E1



E9BEE1



DBCA9F

Complementary

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



8DD7E1



E1978D

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.



EEC2A5



8DD7E1



F7BBCB

Square

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



8DD7E1



D0C5F1



F9BDB5



C3D1A4

Rectangle

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



8DD7E1



A8CFF6



F9BDB5



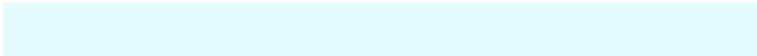
E3C79F

Sweetspot

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



8DD7E1



E3FCFF



8DE197



6F7E80



000000



808080

Same Dimension

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



8DD7E1



8CF1FF



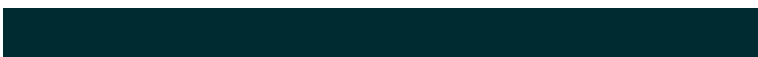
8DADE1



656F70



009BB0



002B30

Inverse Universe

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



E18DD7



FF8CF1



E1C18D



70656F



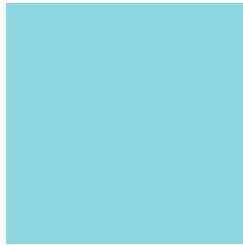
B0009B



30002B

Previews

White Background



This preview shows how the Hex color 8DD7E1 looks on a white background.

Color Contrast Check

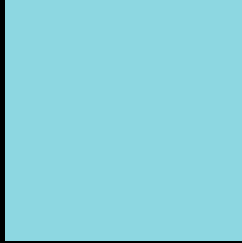
Large Text (above 18pt) WCAG AA × Fail

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 8DD7E1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

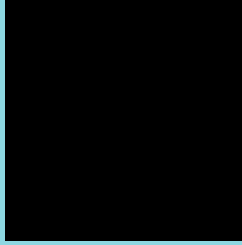
Any Text WCAG AA ✓ Pass

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 8DD7E1 Background



This preview shows how black text looks on a background with the Hex color 8DD7E1.

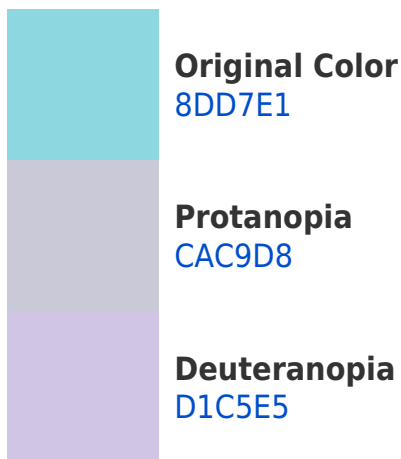


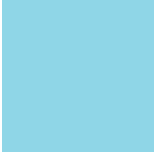
This preview shows how white text looks on a background with the Hex color 8DD7E1.

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
8FD6E7

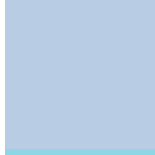
Trichromacy



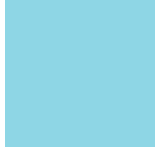
Original Color
8DD7E1



Protanomaly
B4CEDB



Deuteranomaly
B8CCE4

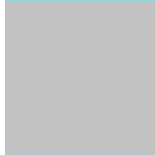


Tritanomaly
8ED6E5

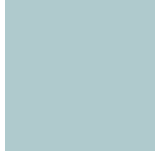
Monochromacy



Original Color
8DD7E1



Achromatopsia
C2C2C2



Achromatomaly
AFCACD

CSS Examples

Text

The CSS property to change the color of the text to Hex 8DD7E1 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 #8DD7E1 looks like.

```
.text, #text, p{  
    color:#8DD7E1  
}
```

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 #8DD7E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DD7E1
}
```

Border

The CSS property to change the border of an element to Hex 8DD7E1 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
#8DD7E1 }
```

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

```
.border{ border-color:#8DD7E1 }
```

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

Here you see how a box with a 4 pixel #8DD7E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DD7E1; -webkit-box-shadow:4px 4px  
4px 4px #8DD7E1; box-shadow:4px 4px 4px  
4px #8DD7E1 }
```

Background

The CSS property to change the background color of an element to Hex 8DD7E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DD7E1 }
```

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

```
.background{ background-color:#8DD7E1 }
```

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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