

# Converting Colors

Hex(8DD6EA)

Have a look what the booklet for  
Hex(8DD6EA) contains.

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# **Color**

**Hex(8DD6EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DD6EA
RGB	141, 214, 234
RGB Percent	55%, 84%, 92%
CMY	0.4471, 0.1608, 0.0824
CMYK	0.40, 0.09, 0.00, 0.08
HSL	193°, 69%, 74%
HSV	193°, 40%, 92%
XYZ	49.8824, 59.6964, 86.7354
YIQ	194.4530, -49.9280, -9.2560

# Conversions

## Conversions Part 2

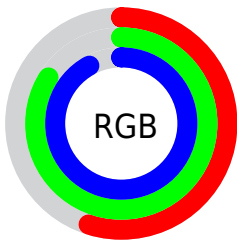
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	141, 182, 234
Decimal	9295594
CIE <sub>Lab</sub>	81.67, -17.69, -17.00
CIE <sub>LCh</sub>	82, 24.535, 223.852
Yxy	59.6964, 0.2541, 0.3041
Android (android.graphics.Color)	4287485674 (0xFF8DD6EA)
YUV	194.4530, 19.4967, -46.8783
Hunter-Lab	77.2634, -19.9689, -12.4741

# Details

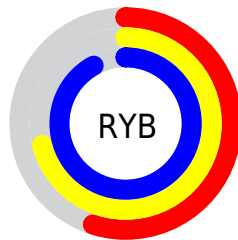
The Hex color **8DD6EA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **EAA18D**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **C6FFFF**, and **559FB2** is the 20% darker color. If you saturate the color by 10%, you get **76D1EA**, and if you desaturate by 10%, it is **A4DBEA**.

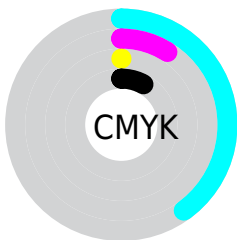
# Distribution



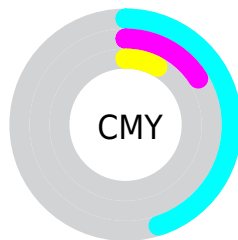
- Red (55%)
- Green (84%)
- Blue (92%)



- Red (55%)
- Yellow (71%)
- Blue (92%)



- Cyan (40%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)



- Cyan (45%)
- Magenta (16%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DD6EA 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 8DD6EA by changing the saturation by 10% instead.



8DD6EA

8DD6EA

FFFFFF

71BACE

C6FFFF

559FB2

E3FFFF

388598

156C7E

005365

003C4D

002636

000D21

000006

8DD6EA

8DD6EA

76D1EA

A4DBEA

5ECCEA

BCE0EA

47C7EA

D3E5EA

2FC2EA

EBEAEA

18BDEA

FFEFEA

01B8EA

FFF4EA

00B8EA

FFF9EA

FFFEEA

FFFFEA

# Harmonies

## Analogous

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



8DD8D5



8DD6EA



A0D1F7

# Triad

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



8DD6EA



F1BCD8



D1CD9E

# Complementary

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



8DD6EA



EAA18D

# 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.



E8C59F



8DD6EA



FABBC1

# Square

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



8DD6EA



DCC2EC



F7BEAC



B7D3A9

# Rectangle

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



8DD6EA



B4CCF8



F7BEAC



D9CA9D

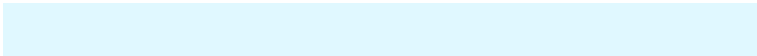


# Sweetspot

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



8DD6EA



E0F8FF



8DEAA0



6E7C80



000000



808080



# Same Dimension

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



8DD6EA



85E5FF



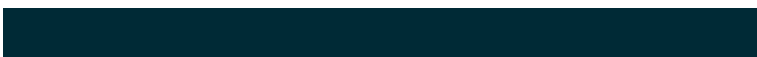
8DA9EA



6A7375



008EB5



002A36



# Inverse Universe

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



EA8DD6



FF85E5



EACE8D



756A73



B5008E

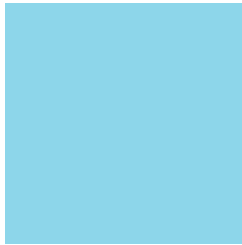


36002A



# Previews

## White Background



This preview shows how the Hex color 8DD6EA looks on a white background.

## Color Contrast Check

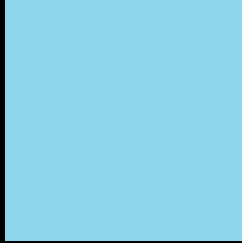
Large Text (above 18pt) WCAG AA × Fail

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 8DD6EA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

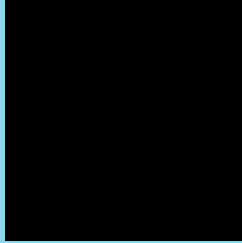
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8DD6EA Background



This preview shows how black text looks on a background with the Hex color 8DD6EA.

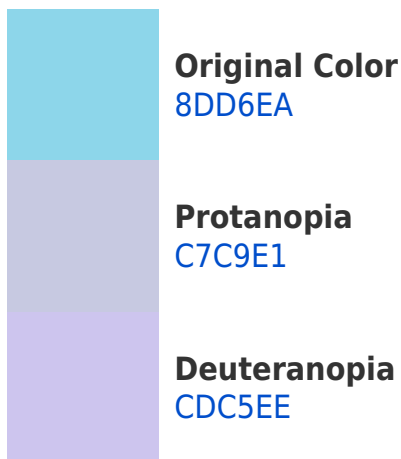


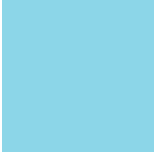
This preview shows how white text looks on a background with the Hex color 8DD6EA.

# 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](#).

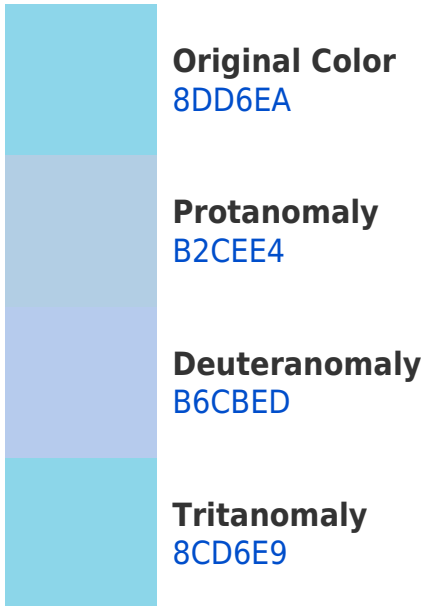
## Dichromacy



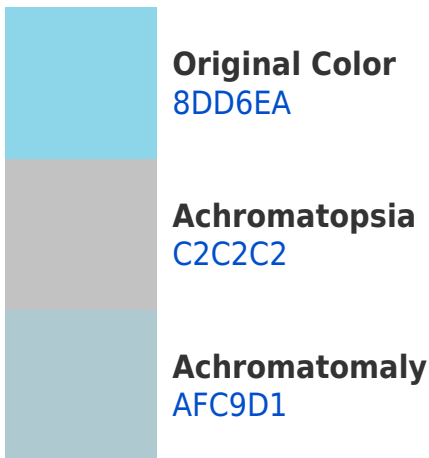


**Tritanopia**  
8CD6E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DD6EA 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 #8DD6EA looks like.

```
.text, #text, p{  
    color:#8DD6EA  
}
```

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 #8DD6EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DD6EA
}
```

## Border

The CSS property to change the border of an element to Hex 8DD6EA 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
#8DD6EA }
```

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

```
.border{ border-color:#8DD6EA }
```

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

Here you see how a box with a 4 pixel #8DD6EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DD6EA; -webkit-box-shadow:4px 4px  
4px 4px #8DD6EA; box-shadow:4px 4px 4px  
4px #8DD6EA }
```

# Background

The CSS property to change the background color of an element to Hex 8DD6EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DD6EA }
```

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

```
.background{ background-color:#8DD6EA }
```

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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