

Converting Colors

Hex(8DD9E5)

Have a look what the booklet for
Hex(8DD9E5) contains.

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Color

Hex(8DD9E5)

Conversions

Conversions Part 1

Format	Color
Hex	8DD9E5
RGB	141, 217, 229
RGB Percent	55%, 85%, 90%
CMY	0.4471, 0.1490, 0.1020
CMYK	0.38, 0.05, 0.00, 0.10
HSL	188°, 63%, 73%
HSV	188°, 38%, 90%
XYZ	49.9402, 60.9456, 83.2603
YIQ	195.6440, -49.1480, -12.3800

Conversions

Conversions Part 2

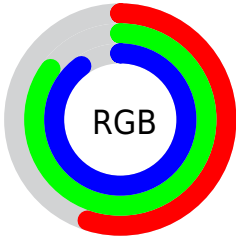
Format	Color
RYB	141, 182, 229
Decimal	9296357
CIELab	82.35, -20.45, -13.32
CIElCh	82, 24.409, 213.076
Yxy	60.9456, 0.2572, 0.3139
Android (android.graphics.Color)	4287486437 (0xFF8DD9E5)
YUV	195.6440, 16.4445, -47.9228
Hunter-Lab	78.0676, -22.4311, -8.5863

Details

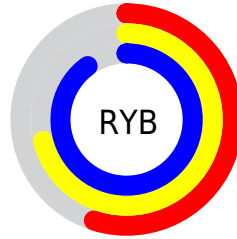
The Hex color **8DD9E5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E5998D**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **C6FFFF**, and **55A2AE** is the 20% darker color. If you saturate the color by 10%, you get **76D6E5**, and if you desaturate by 10%, it is **A4DCE5**.

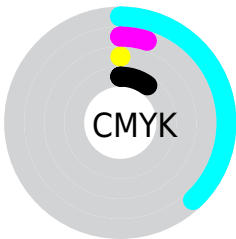
Distribution



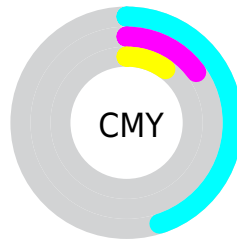
- Red (55%)
- Green (85%)
- Blue (90%)



- Red (55%)
- Yellow (71%)
- Blue (90%)



- Cyan (38%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



- Cyan (45%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8DD9E5 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 8DD9E5 by changing the saturation by 10% instead.

8DD9E5

8DD9E5

FFFFFF

71BDC9

C6FFFF

55A2AE

E3FFFF

388893

166E79

005660

003E49

002832

00111D

000000

 8DD9E5

 8DD9E5

 76D6E5

 A4DCE5

 5FD3E5

 BBDFE5

 48D0E5

 D2E2E5

 31CDE5

 E9E5E5

 1BC9E5

 FFE9E5

 04C6E5

 FFECE5

 00C6E5

 FFEFE5

 FFF2E5

 FFF5E5

Harmonies

Analogous

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



94DACE



8DD9E5



9AD5F5

Triad

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



8DD9E5



EDC0E2



DCCC9F

Complementary

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



8DD9E5



E5998D

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.



F0C4A5



8DD9E5



FABDCB

Square

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



8DD9E5



D4C6F3



FBBFB5



C3D3A6

Rectangle

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



8DD9E5



ABD1FA



FBBFB5



E3CAA0

Sweetspot

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



8DD9E5



E0FBFF



8DE599



6E7D80



000000



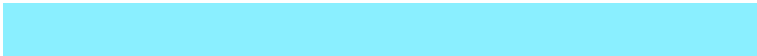
808080

Same Dimension

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



8DD9E5



8AEFFF



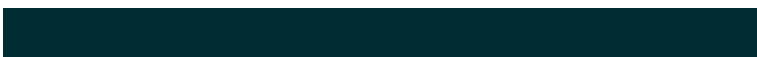
8DADE5



677173



009AB3



002C33

Inverse Universe

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



E58DD9



FF8AEF



E5C58D



736771



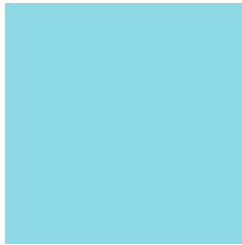
B3009A



33002C

Previews

White Background



This preview shows how the Hex color 8DD9E5 looks on a white background.

Color Contrast Check

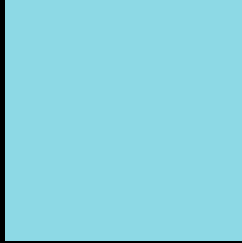
Large Text (above 18pt) WCAG AA × Fail

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 8DD9E5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

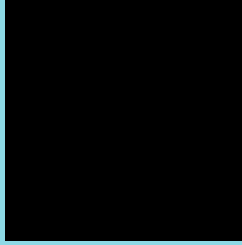
Any Text WCAG AA ✓ Pass

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 8DD9E5 Background



This preview shows how black text looks on a background with the Hex color 8DD9E5.

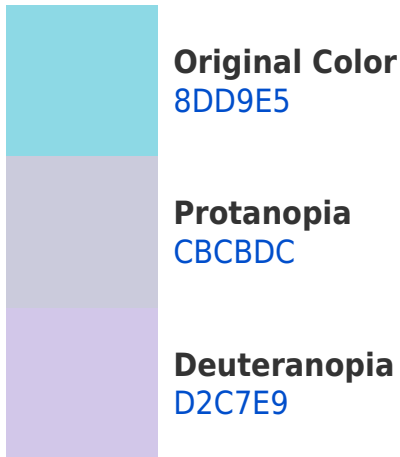


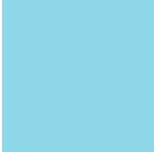
This preview shows how white text looks on a background with the Hex color 8DD9E5.

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](#).

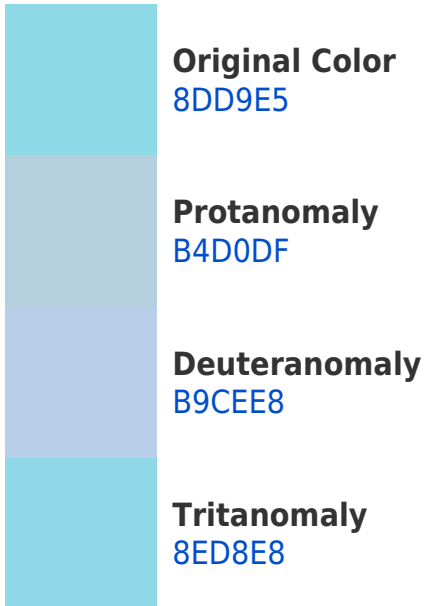
Dichromacy



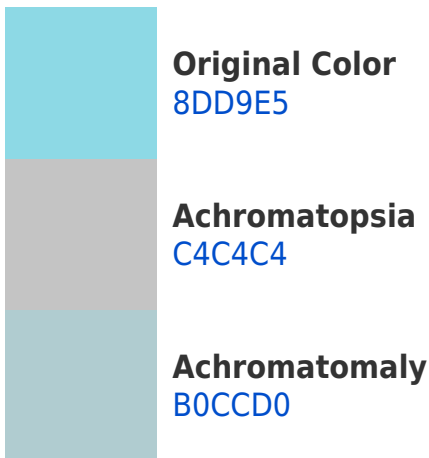


Tritanopia
8ED8EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8DD9E5 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 #8DD9E5 looks like.

```
.text, #text, p{  
    color:#8DD9E5  
}
```

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 #8DD9E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DD9E5
}
```

Border

The CSS property to change the border of an element to Hex 8DD9E5 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
#8DD9E5 }
```

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

```
.border{ border-color:#8DD9E5 }
```

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

Here you see how a box with a 4 pixel #8DD9E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DD9E5; -webkit-box-shadow:4px 4px  
4px 4px #8DD9E5; box-shadow:4px 4px 4px  
4px #8DD9E5 }
```

Background

The CSS property to change the background color of an element to Hex 8DD9E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DD9E5 }
```

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

```
.background{ background-color:#8DD9E5 }
```

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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