

Converting Colors

Hex(9DD6E0)

Have a look what the booklet for
Hex(9DD6E0) contains.

Hex(9DD6E0)	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(9DD6E0)

Conversions

Conversions Part 1

Format	Color
Hex	9DD6E0
RGB	157, 214, 224
RGB Percent	62%, 84%, 88%
CMY	0.3843, 0.1608, 0.1216
CMYK	0.30, 0.04, 0.00, 0.12
HSL	189°, 52%, 75%
HSV	189°, 30%, 88%
XYZ	51.4057, 60.6431, 79.5169
YIQ	198.0970, -37.1820, -8.9740

Conversions

Conversions Part 2

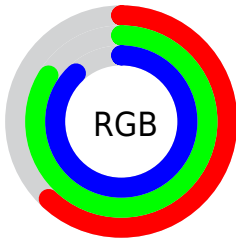
Format	Color
R _{YB}	157, 188, 224
Decimal	10344160
CIE Lab	82.19, -15.84, -10.82
CIE LCh	82, 19.185, 214.331
Yxy	60.6431, 0.2683, 0.3166
Android (android.graphics.Color)	4288534240 (0xFF9DD6E0)
YUV	198.0970, 12.7702, -36.0421
Hunter-Lab	77.8736, -18.4480, -6.0296

Details

The Hex color **9DD6E0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E0A79D**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **D5FFFF**, and **679FA9** is the 20% darker color. If you saturate the color by 10%, you get **87D3E0**, and if you desaturate by 10%, it is **B3D9E0**.

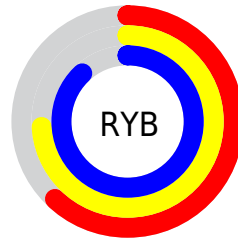
Distribution



Red (62%)

Green (84%)

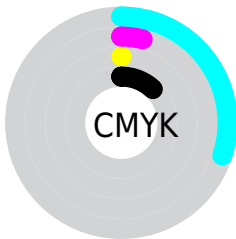
Blue (88%)



Red (62%)

Yellow (74%)

Blue (88%)

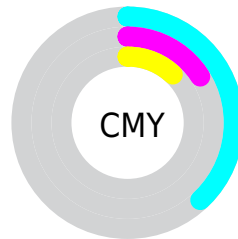


Cyan (30%)

Magenta (4%)

Yellow (0%)

Black (12%)



Cyan (38%)

Magenta (16%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DD6E0 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 9DD6E0 by changing the saturation by 10% instead.

 9DD6E0

 9DD6E0

FFFFFF

 82BAC4

 D5FFFF

 679FA9

 F2FFFF

 4D858E

 326C75

 15535C

 003C45

 00262E

 000F1A

 000000

9DD6E0

9DD6E0

87D3E0

B3D9E0

70CFE0

CADDE0

5ACCE0

E0E0E0

43C9E0

F7E3E0

2DC5E0

FFE7E0

17C2E0

FFEAE0

00BFE0

FFEDE0

FFF1E0

FFF4E0

Harmonies

Analogous

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



A1D7CE



9DD6E0



A7D3EC

Triad

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



9DD6E0



E6C2DC



D8CCA9

Complementary

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



9DD6E0



E0A79D

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.



E8C6AD



9DD6E0



F1C0CA

Square

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



9DD6E0



D3C7EA



F1C2B9



C4D2AE

Rectangle

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



9DD6E0



B4CFF0



F1C2B9



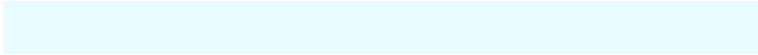
DECAA9

Sweetspot

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



9DD6E0



E8FCFF



9DE0A6



717D80



000000



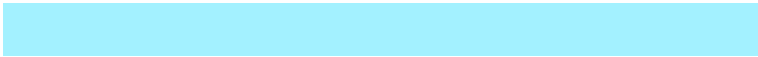
808080

Same Dimension

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



9DD6E0



A3F1FF



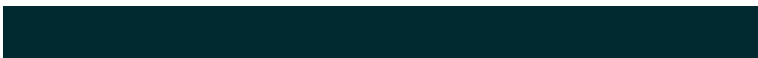
9DB6E0



656F70



0096B0



002930

Inverse Universe

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



E09DD6



FFA3F1



E0C79D



70656F



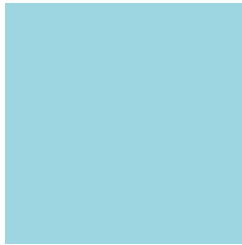
B00096



300029

Previews

White Background



This preview shows how the Hex color 9DD6E0 looks on a white background.

Color Contrast Check

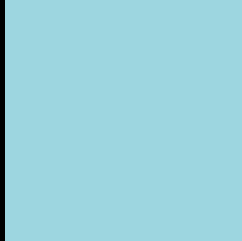
Large Text (above 18pt) WCAG AA × Fail

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 9DD6E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

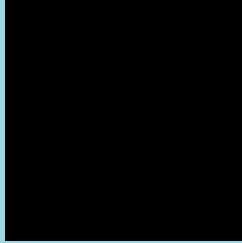
Any Text WCAG AA ✓ Pass

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 9DD6E0 Background



This preview shows how black text looks on a background with the Hex color 9DD6E0.

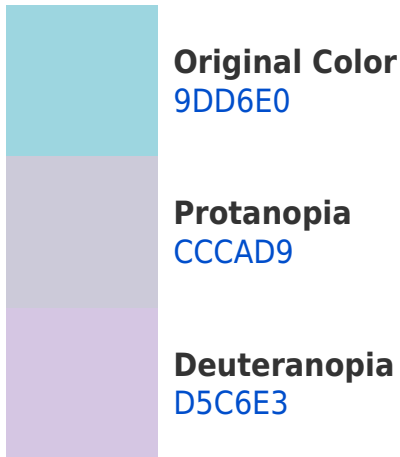


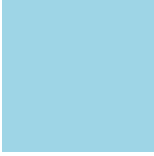
This preview shows how white text looks on a background with the Hex color 9DD6E0.

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](#).

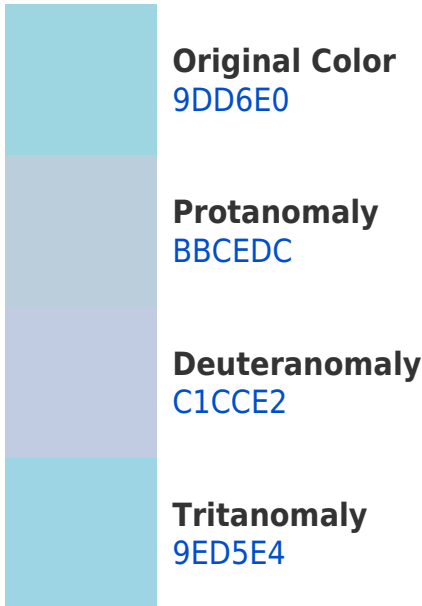
Dichromacy



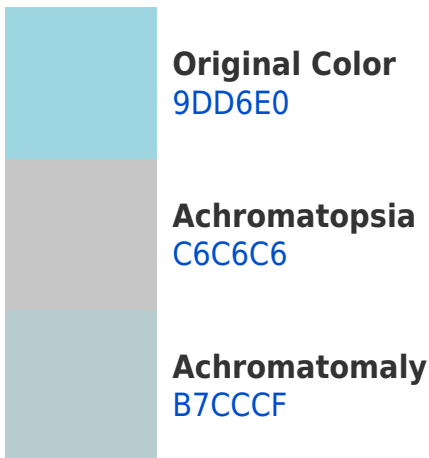


Tritanopia
9ED5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DD6E0 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 #9DD6E0 looks like.

```
.text, #text, p{  
    color:#9DD6E0  
}
```

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 #9DD6E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DD6E0
}
```

Border

The CSS property to change the border of an element to Hex 9DD6E0 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
#9DD6E0 }
```

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

```
.border{ border-color:#9DD6E0 }
```

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

Here you see how a box with a 4 pixel #9DD6E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DD6E0; -webkit-box-shadow:4px 4px  
4px 4px #9DD6E0; box-shadow:4px 4px 4px  
4px #9DD6E0 }
```

Background

The CSS property to change the background color of an element to Hex 9DD6E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DD6E0 }
```

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

```
.background{ background-color:#9DD6E0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor