

Converting Colors

Hex(9CD5E6)

Have a look what the booklet for
Hex(9CD5E6) contains.

Hex(9CD5E6)	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(9CD5E6)

Conversions

Conversions Part 1

Format	Color
Hex	9CD5E6
RGB	156, 213, 230
RGB Percent	61%, 84%, 90%
CMY	0.3882, 0.1647, 0.0980
CMYK	0.32, 0.07, 0.00, 0.10
HSL	194°, 60%, 76%
HSV	194°, 32%, 90%
XYZ	51.7875, 60.3696, 83.7859
YIQ	197.8950, -39.4290, -6.7970

Conversions

Conversions Part 2

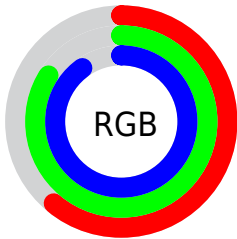
Format	Color
RYB	156, 188, 230
Decimal	10278374
CIELab	82.04, -14.20, -14.24
CIElCh	82, 20.111, 225.085
Yxy	60.3696, 0.2643, 0.3081
Android (android.graphics.Color)	4288468454 (0xFF9CD5E6)
YUV	197.8950, 15.8278, -36.7419
Hunter-Lab	77.6979, -16.9968, -9.5472

Details

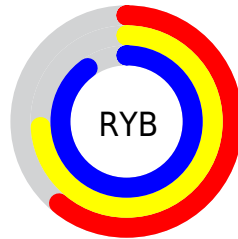
The Hex color **9CD5E6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E6AD9C**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **D4FFFF**, and **669EAE** is the 20% darker color. If you saturate the color by 10%, you get **85D0E6**, and if you desaturate by 10%, it is **B3DAE6**.

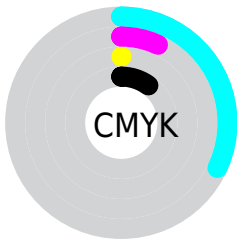
Distribution



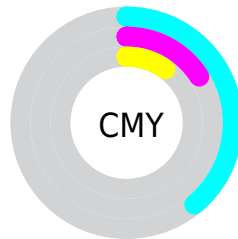
- Red (61%)
- Green (84%)
- Blue (90%)



- Red (61%)
- Yellow (74%)
- Blue (90%)



- Cyan (32%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (39%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CD5E6 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 9CD5E6 by changing the saturation by 10% instead.

 9CD5E6

 9CD5E6

FFFFFF

 81B9CA


 D4FFFF

 669EAE

 F1FFFF

 4B8494

 306B7A

 115361

 003B49

 002533

 000F1E

 000001

 9CD5E6

 9CD5E6

 85D0E6

 B3DAE6

 6ECAE6

 CAE0E6

 57C5E6

 E1E5E6

 40C0E6

 F8EAE6

 29BBE6

 FFEFE6

 12B5E6

 FFF5E6

 00B1E6

 FFFAE6

 FFFF6E

Harmonies

Analogous

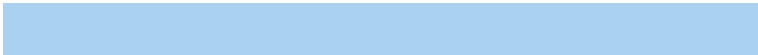
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9BD7D5



9CD5E6



ABD1F0

Triad

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



9CD5E6



ECC0D6



D1CEA8

Complementary

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



9CD5E6



E6AD9C

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.



E4C8A8



9CD5E6



F4BFC3

Square

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



9CD5E6



DBC4E7



F0C2B2



BBD3B1

Rectangle

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



9CD5E6



BBCDF1



F0C2B2



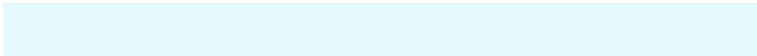
D8CCA7

Sweetspot

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



9CD5E6



E6F9FF



9CE6AC



707C80



000000



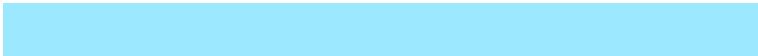
808080

Same Dimension

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



9CD5E6



9CE8FF



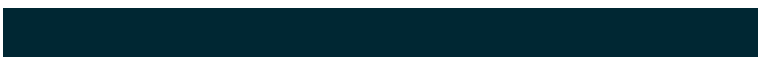
9CB1E6



677073



0089B3



002733

Inverse Universe

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



E69CD5



FF9CE8



E6D19C



736770



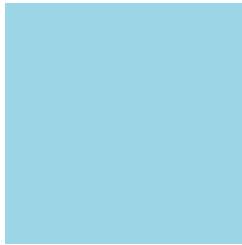
B30089



330027

Previews

White Background



This preview shows how the Hex color 9CD5E6 looks on a white background.

Color Contrast Check

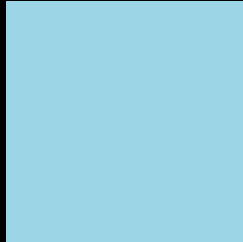
Large Text (above 18pt) WCAG AA × Fail

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 9CD5E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

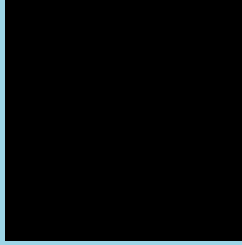
Any Text WCAG AA ✓ Pass

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 9CD5E6 Background



This preview shows how black text looks on a background with the Hex color 9CD5E6.

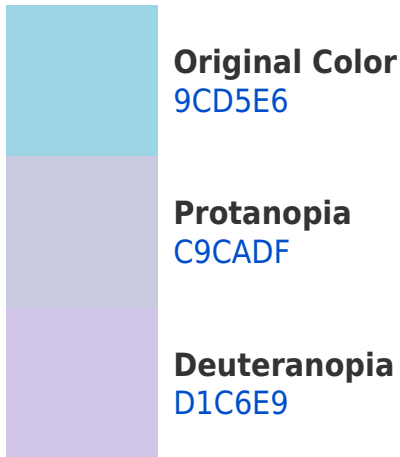


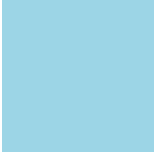
This preview shows how white text looks on a background with the Hex color 9CD5E6.

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](#).

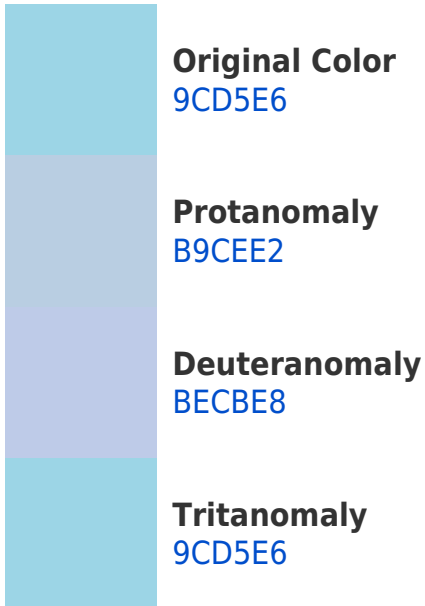
Dichromacy



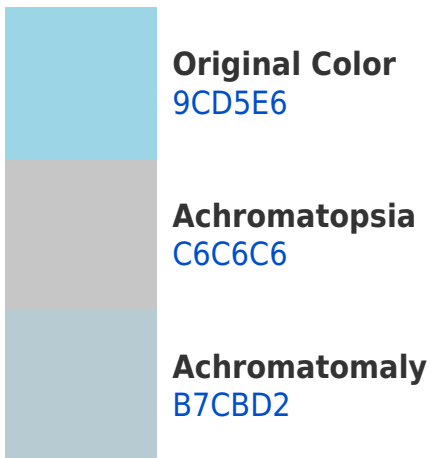


Tritanopia
9CD5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CD5E6 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 #9CD5E6 looks like.

```
.text, #text, p{  
    color:#9CD5E6  
}
```

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 #9CD5E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CD5E6  
}
```

Border

The CSS property to change the border of an element to Hex 9CD5E6 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  
#9CD5E6 }
```

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

```
.border{ border-color:#9CD5E6 }
```

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

Here you see how a box with a 4 pixel #9CD5E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CD5E6; -webkit-box-shadow:4px 4px  
4px 4px #9CD5E6; box-shadow:4px 4px 4px  
4px #9CD5E6 }
```

Background

The CSS property to change the background color of an element to Hex 9CD5E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CD5E6 }
```

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

```
.background{ background-color:#9CD5E6 }
```

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