

Converting Colors

Hex(9CB6DE)

Have a look what the booklet for
Hex(9CB6DE) contains.

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Color

Hex(9CB6DE)

Conversions

Conversions Part 1

Format	Color
Hex	9CB6DE
RGB	156, 182, 222
RGB Percent	61%, 71%, 87%
CMY	0.3882, 0.2863, 0.1294
CMYK	0.30, 0.18, 0.00, 0.13
HSL	216°, 50%, 74%
HSV	216°, 30%, 87%
XYZ	43.6231, 45.7977, 75.6479
YIQ	178.7860, -28.3360, 6.9280

Conversions

Conversions Part 2

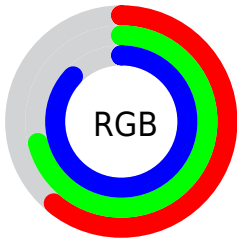
Format	Color
R _{YB}	156, 175, 222
Decimal	10270430
CIE _{Lab}	73.41, 0.28, -22.97
CIE _{LCh}	73, 22.976, 270.689
Yxy	45.7977, 0.2643, 0.2774
Android (android.graphics.Color)	4288460510 (0xFF9CB6DE)
YUV	178.7860, 21.3045, -19.9833
Hunter-Lab	67.6740, -3.3674, -18.9042

Details

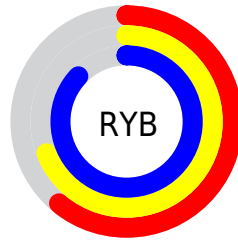
The Hex color **9CB6DE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DEC49C**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **D4EEFF**, and **6781A7** is the 20% darker color. If you saturate the color by 10%, you get **86A9DE**, and if you desaturate by 10%, it is **B2C3DE**.

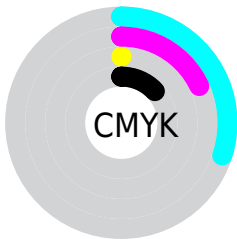
Distribution



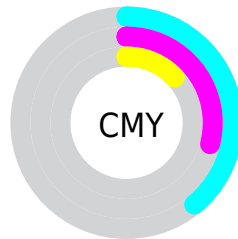
- Red (61%)
- Green (71%)
- Blue (87%)



- Red (61%)
- Yellow (69%)
- Blue (87%)



- Cyan (30%)
- Magenta (18%)
- Yellow (0%)
- Black (13%)



- Cyan (39%)
- Magenta (29%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9CB6DE 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 9CB6DE by changing the saturation by 10% instead.

 9CB6DE

 9CB6DE

FFFFFF

 819BC2

 D4EEFF

 6781A7

 F0FFFF

 4D688C

 345073

 1A395A

 002442

 000E2C

 000117

 000000

■ 9CB6DE

■ 9CB6DE

■ 86A9DE

■ B2C3DE

■ 709BDE

■ C8D1DE

■ 598EDE

■ DFDEDE

■ 4380DE

■ F5ECDE

■ 2D73DE

■ FFF9DE

■ 1765DE

■ FFFFDE

■ 0158DE

■ 0057DE

Harmonies

Analogous

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



83BCD8



9CB6DE



B9AFD8

Triad

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



9CB6DE



DFA7A0



95BE9F

Complementary

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



9CB6DE



DEC49C

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.



ADBA90



9CB6DE



D6AC90

Square

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



9CB6DE



DEA5B5



C4B38A



81C0B4

Rectangle

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



9CB6DE



C9AACF



C4B38A



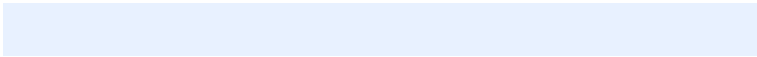
9DBD99

Sweetspot

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



9CB6DE



E8F1FF



9CDEC4



717780



000000



808080

Same Dimension

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



9CB6DE



A3C7FF



A39CDE



656970



0045B0



001330

Inverse Universe

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



DE9CB6



FFA3C7



D7DE9C



706569



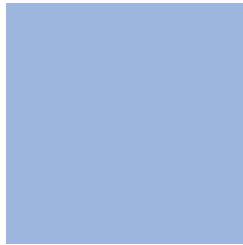
B00045



300013

Previews

White Background



This preview shows how the Hex color 9CB6DE looks on a white background.

Color Contrast Check

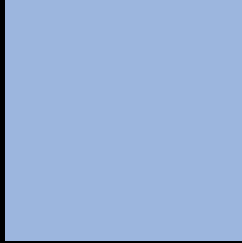
Large Text (above 18pt) WCAG AA × Fail

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 9CB6DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

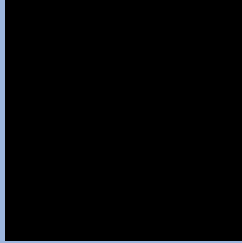
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

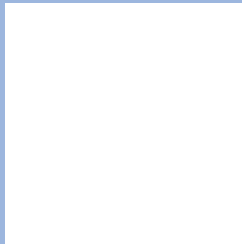
Any Text WCAG AAA ✓ Pass

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

Hex 9CB6DE Background



This preview shows how black text looks on a background with the Hex color 9CB6DE.

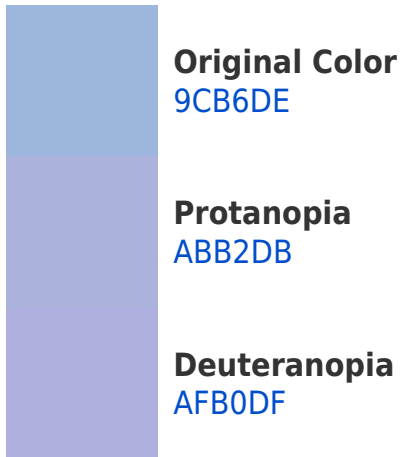


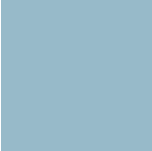
This preview shows how white text looks on a background with the Hex color 9CB6DE.

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](#).

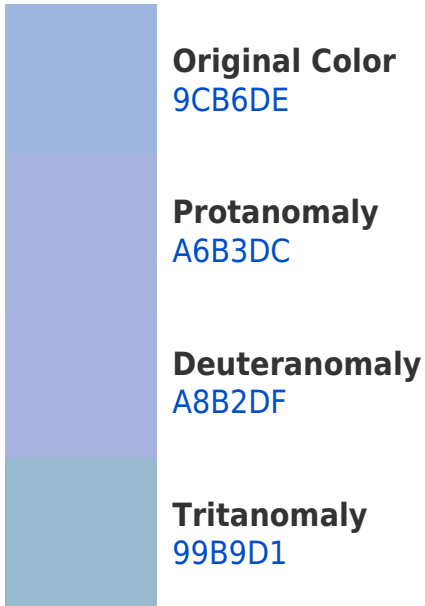
Dichromacy



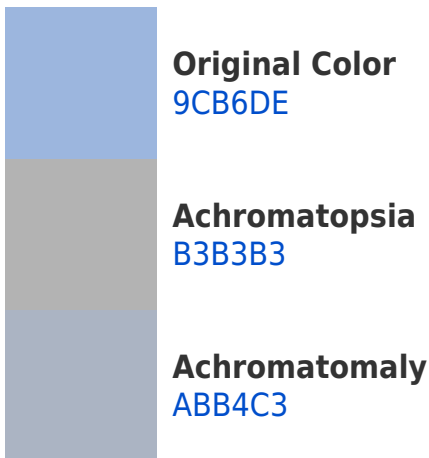


Tritanopia
97BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CB6DE 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 #9CB6DE looks like.

```
.text, #text, p{  
    color:#9CB6DE  
}
```

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 #9CB6DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CB6DE
}
```

Border

The CSS property to change the border of an element to Hex 9CB6DE 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
#9CB6DE }
```

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

```
.border{ border-color:#9CB6DE }
```

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

Here you see how a box with a 4 pixel #9CB6DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CB6DE; -webkit-box-shadow:4px 4px  
4px 4px #9CB6DE; box-shadow:4px 4px 4px  
4px #9CB6DE }
```

Background

The CSS property to change the background color of an element to Hex 9CB6DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CB6DE }
```

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

```
.background{ background-color:#9CB6DE }
```

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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