

Converting Colors

Hex(9CB1DD)

Have a look what the booklet for
Hex(9CB1DD) contains.

Hex(9CB1DD) 3

Conversions 4

Details 6

Harmonies 11

Previews 23

Color Blindness Simulation 26

CSS Examples 29

Color

Hex(9CB1DD)

Conversions

Conversions Part 1	
Format	Color
Hex	9CB1DD
RGB	156, 177, 221
RGB Percent	61%, 69%, 87%
CMY	0.3882, 0.3059, 0.1333
CMYK	0.29, 0.20, 0.00, 0.13
HSL	221°, 49%, 74%
HSV	221°, 29%, 87%
XYZ	42.4836, 43.7327, 74.6087
YIQ	175.7370, -26.6400, 9.2320

Conversions

Conversions Part 2

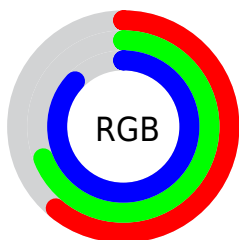
Format	Color
RYB	156, 172, 221
Decimal	10269149
CIELab	72.05, 2.77, -24.51
CIELCh	72, 24.669, 276.449
Yxy	43.7327, 0.2642, 0.2719
Android (android.graphics.Color)	4288459229 (0xFF9CB1DD)
YUV	175.7370, 22.3147, -17.3093
Hunter-Lab	66.1307, -1.0569, -20.5996

Details

The Hex color **9CB1DD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DDC89C**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **D4E9FF**, and **677DA6** is the 20% darker color. If you saturate the color by 10%, you get **86A2DD**, and if you desaturate by 10%, it is **B2C0DD**.

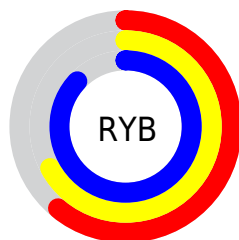
Distribution



Red (61%)

Green (69%)

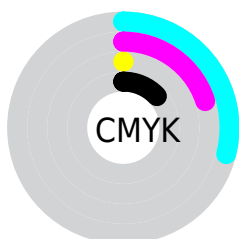
Blue (87%)



Red (61%)

Yellow (67%)

Blue (87%)

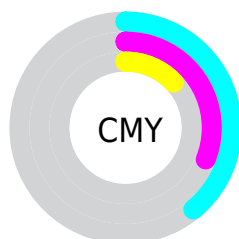


Cyan (29%)

Magenta (20%)

Yellow (0%)

Black (13%)



Cyan (39%)

Magenta (31%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9CB1DD 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 9CB1DD by changing the saturation by 10% instead.

 9CB1DD

 9CB1DD

FFFFFF

 8196C1

 D4E9FF

 677DA6

 F0FFFF

 4D648B

 344C72

 1A3559

 002041

 00082B

 000116

 000000

 9CB1DD

 9CB1DD

 86A2DD

 B2C0DD

 7093DD

 C8CFDD

 5A84DD

 DEDEDD

 4475DD

 F4EDDD

 2E66DD

 FFFCDD

 1757DD

 FFFFDD

 0148DD

 0047DD

Harmonies

Analogous

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



7FB8D9



9CB1DD



BAA9D5

Triad

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



9CB1DD



DDA397



8ABC9E

Complementary

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



9CB1DD



DDC89C

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.



A3B78C



9CB1DD



D1A988

Square

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



9CB1DD



DEA0AC



BCB184



76BDB5

Rectangle

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



9CB1DD



CBA5CA



BCB184



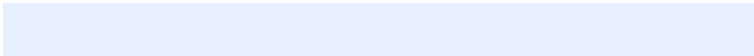
92BB97

Sweetspot

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



9CB1DD



E8EFFF



9CDDC7



717680



000000



808080

Same Dimension

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



9CB1DD



A6C3FF



A79CDD



63666E



0038AD



000F2E

Inverse Universe

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



DD9CB1



FFA6C3



D2DD9C



6E6366



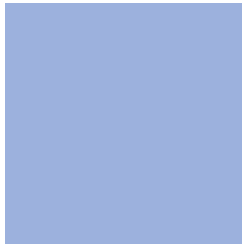
AD0038



2E000F

Previews

White Background



This preview shows how the Hex color 9CB1DD looks on a white background.

Color Contrast Check

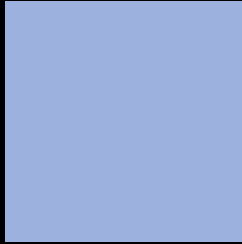
Large Text (above 18pt) WCAG AA × Fail

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 9CB1DD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

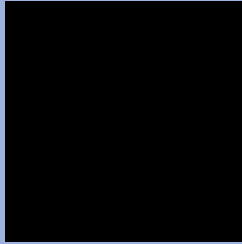
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

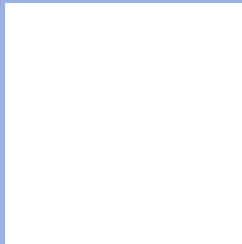
Any Text WCAG AAA ✓ Pass

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

Hex 9CB1DD Background



This preview shows how black text looks on a background with the Hex color 9CB1DD.



This preview shows how white text looks on a background with the Hex color 9CB1DD.

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



Original Color
9CB1DD


Protanopia
A6AFDB

Deuteranopia
AAADDE




Tritanopia
97B5C4

Trichromacy

	Original Color
	9CB1DD
	Protanomaly
	A2B0DC
	Deuteranomaly
	A5AEDE
	Tritanomaly
	99B4CD

Monochromacy

	Original Color
	9CB1DD
	Achromatopsia
	B0B0B0
	Achromatomaly
	A9B0C0

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CB1DD 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 #9CB1DD looks like.

```
.text, #text, p{  
    color:#9CB1DD  
}
```

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 #9CB1DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CB1DD
}
```

Border

The CSS property to change the border of an element to Hex 9CB1DD 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
#9CB1DD }
```

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

```
.border{ border-color:#9CB1DD }
```

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

Here you see how a box with a 4 pixel #9CB1DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CB1DD; -webkit-box-shadow:4px 4px  
4px 4px #9CB1DD; box-shadow:4px 4px 4px  
4px #9CB1DD }
```

Background

The CSS property to change the background color of an element to Hex 9CB1DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CB1DD }
```

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

```
.background{ background-color:#9CB1DD }
```

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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