

Converting Colors

Hex(9BD0F1)

Have a look what the booklet for
Hex(9BD0F1) contains.

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Color

Hex(9BD0F1)

Conversions

Conversions Part 1

Format	Color
Hex	9BD0F1
RGB	155, 208, 241
RGB Percent	61%, 82%, 95%
CMY	0.3922, 0.1843, 0.0549
CMYK	0.36, 0.14, 0.00, 0.05
HSL	203°, 75%, 78%
HSV	203°, 36%, 95%
XYZ	51.9506, 58.4312, 91.7593
YIQ	195.9150, -42.1810, -0.9730

Conversions

Conversions Part 2

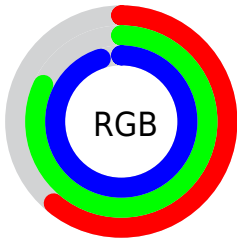
Format	Color
RYB	155, 188, 241
Decimal	10211569
CIELab	80.98, -9.20, -21.71
CIELCh	81, 23.577, 247.036
Yxy	58.4312, 0.2570, 0.2891
Android (android.graphics.Color)	4288401649 (0xFF9BD0F1)
YUV	195.9150, 22.2269, -35.8825
Hunter-Lab	76.4403, -12.4577, -17.6638

Details

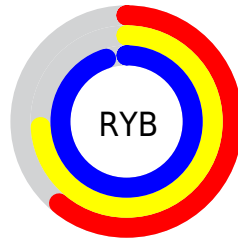
The Hex color **9BD0F1** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F1BC9B**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **D4FFFF**, and **649AB9** is the 20% darker color. If you saturate the color by 10%, you get **83C7F1**, and if you desaturate by 10%, it is **B3D9F1**.

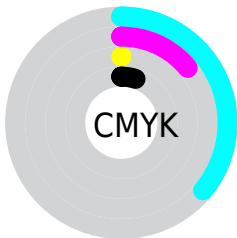
Distribution



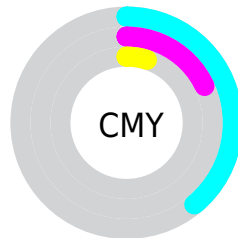
- Red (61%)
- Green (82%)
- Blue (95%)



- Red (61%)
- Yellow (74%)
- Blue (95%)



- Cyan (36%)
- Magenta (14%)
- Yellow (0%)
- Black (5%)



- Cyan (39%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BD0F1 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 9BD0F1 by changing the saturation by 10% instead.

 9BD0F1

 9BD0F1

FFFFFF

 7FB4D5


 D4FFFF

 649AB9

 F1FFFF

 49809E

 2D6784

 084F6A

 003852

 00223B

 000925

 00010E

■ 9BD0F1

■ 9BD0F1

■ 83C7F1

■ B3D9F1

■ 6BBEF1

■ CBE2F1

■ 53B4F1

■ E3ECF1

■ 3BABF1

■ FBF5F1

■ 22A2F1

■ FFFE1F1

■ 0A99F1

■ FFFFF1

■ 0095F1

Harmonies

Analogous

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



8CD4E3



9BD0F1



B6C9F4

Triad

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



9BD0F1



F6B9C5



BCD0A5

Complementary

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



9BD0F1



F1BC9B

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.



D5C99D



9BD0F1



F5BCAF

Square

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



9BD0F1



EABCDB



E9C2A1



A3D4B7

Rectangle

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



9BD0F1



CAC4F0



E9C2A1



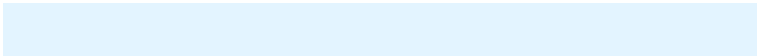
C4CEA2

Sweetspot

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



9BD0F1



E3F4FF



9BF1BC



6F7980



000000



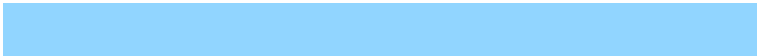
808080

Same Dimension

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



9BD0F1



91D5FF



9BA5F1



6C7378



0071B8



002338

Inverse Universe

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



F19BD0



FF91D5



F1E79B



786C73



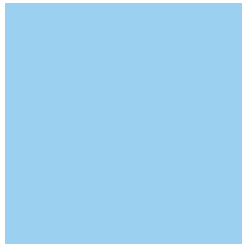
B80071



380023

Previews

White Background



This preview shows how the Hex color 9BD0F1 looks on a white background.

Color Contrast Check

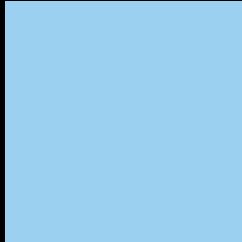
Large Text (above 18pt) WCAG AA × Fail

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 9BD0F1 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 9BD0F1 Background



This preview shows how black text looks on a background with the Hex color 9BD0F1.

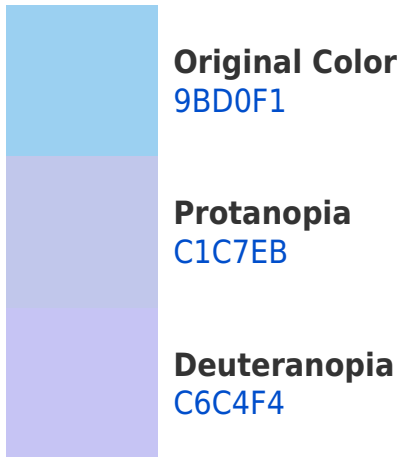


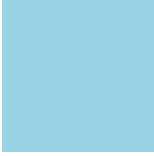
This preview shows how white text looks on a background with the Hex color 9BD0F1.

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](#).

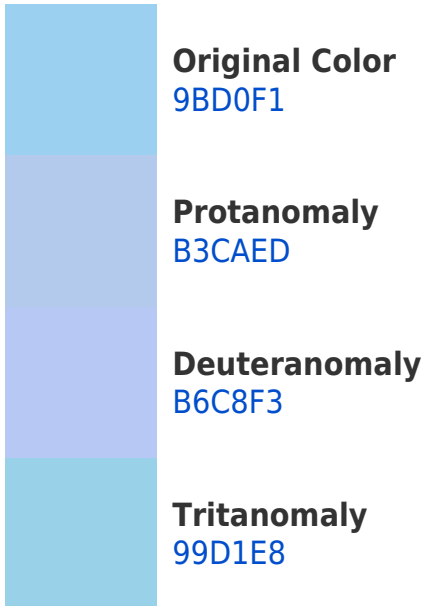
Dichromacy



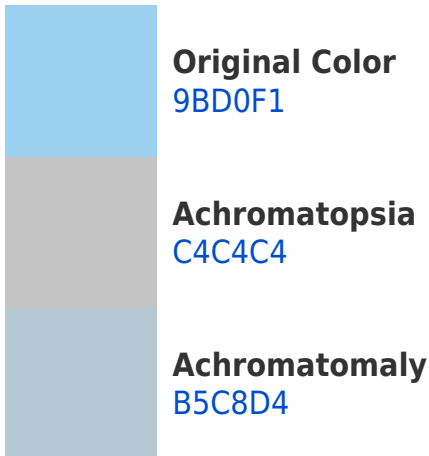


Tritanopia
98D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BD0F1 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 #9BD0F1 looks like.

```
.text, #text, p{  
    color:#9BD0F1  
}
```

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 #9BD0F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BD0F1  
}
```

Border

The CSS property to change the border of an element to Hex 9BD0F1 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  
#9BD0F1 }
```

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

```
.border{ border-color:#9BD0F1 }
```

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

Here you see how a box with a 4 pixel #9BD0F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BD0F1; -webkit-box-shadow:4px 4px  
4px 4px #9BD0F1; box-shadow:4px 4px 4px  
4px #9BD0F1 }
```

Background

The CSS property to change the background color of an element to Hex 9BD0F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BD0F1 }
```

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

```
.background{ background-color:#9BD0F1 }
```

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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