

# Converting Colors

Hex(9AD0F4)

Have a look what the booklet for  
Hex(9AD0F4) contains.

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# **Color**

**Hex(9AD0F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AD0F4
RGB	154, 208, 244
RGB Percent	60%, 82%, 96%
CMY	0.3961, 0.1843, 0.0431
CMYK	0.37, 0.15, 0.00, 0.04
HSL	204°, 80%, 78%
HSV	204°, 37%, 96%
XYZ	52.2114, 58.5134, 94.1303
YIQ	195.9580, -43.7400, -0.2520

# Conversions

## Conversions Part 2

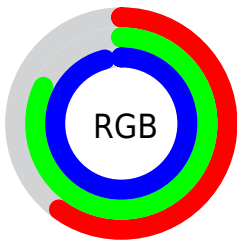
Format	Color
<a href="#">RYB</a>	154, 188, 244
Decimal	10146036
CIELab	81.02, -8.71, -23.24
CIELCh	81, 24.823, 249.453
Yxy	58.5134, 0.2549, 0.2856
Android (android.graphics.Color)	4288336116 (0xFF9AD0F4)
YUV	195.9580, 23.6847, -36.7972
Hunter-Lab	76.4941, -12.0285, -19.4139

# Details

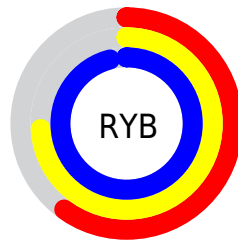
The Hex color **9AD0F4** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F4BE9A**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **D3FFFF**, and **639ABC** is the 20% darker color. If you saturate the color by 10%, you get **82C6F4**, and if you desaturate by 10%, it is **B2DAF4**.

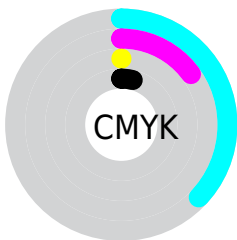
# Distribution



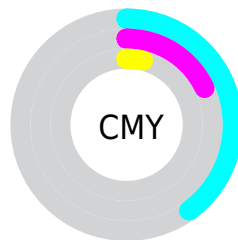
- Red (60%)
- Green (82%)
- Blue (96%)



- Red (60%)
- Yellow (74%)
- Blue (96%)



- Cyan (37%)
- Magenta (15%)
- Yellow (0%)
- Black (4%)



- Cyan (40%)
- Magenta (18%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AD0F4 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 9AD0F4 by changing the saturation by 10% instead.



 9AD0F4

 9AD0F4

FFFFFF

 7EB4D8


 D3FFFF

 639ABC

 F0FFFF

 4880A1

 2B6786

 014F6D

 003855

 00233D

 000A27

 000111

■ 9AD0F4

■ 9AD0F4

■ 82C6F4

■ B2DAF4

■ 69BCF4

■ CBE4F4

■ 51B3F4

■ E3EDF4

■ 38A9F4

■ FCF7F4

■ 209FF4

■ FFFFF4

■ 0895F4

■ 0092F4

# Harmonies

## Analogous

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



89D5E6



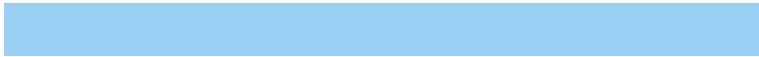
9AD0F4



B8C9F7

# Triad

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



9AD0F4



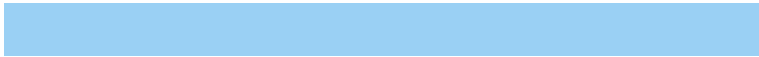
F9B9C3



B9D1A5

# Complementary

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



9AD0F4



F4BE9A

# 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.



D3CA9B



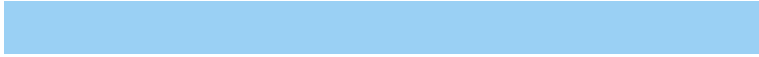
9AD0F4



F7BCAD

# Square

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



9AD0F4



EDBBDA



E9C29E



9FD5B8

# Rectangle

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



9AD0F4



CDC3F2



E9C29E



C2CFA0



# Sweetspot

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



9AD0F4



E3F4FF



9AF4BE



6F7980



000000



808080

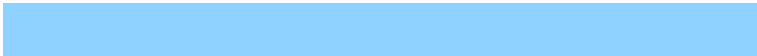


# Same Dimension

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



9AD0F4



8FD2FF



9AA3F4



6E767A



0070BA



00233B



# Inverse Universe

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



F49AD0



FF8FD2



F4EB9A



7A6E76



BA0070

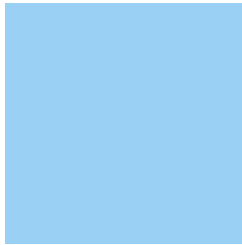


3B0023



# Previews

## White Background



This preview shows how the Hex color 9AD0F4 looks on a white background.

## Color Contrast Check

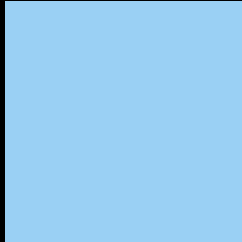
Large Text (above 18pt) WCAG AA × Fail

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 9AD0F4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

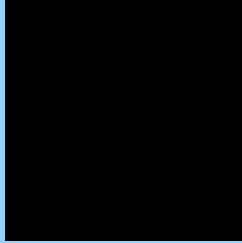
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9AD0F4 Background



This preview shows how black text looks on a background with the Hex color 9AD0F4.

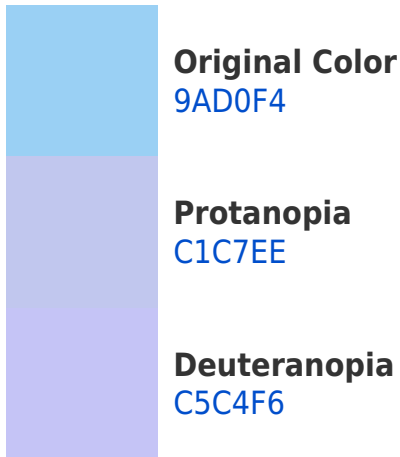


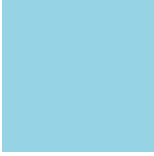
This preview shows how white text looks on a background with the Hex color 9AD0F4.

# 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](#).

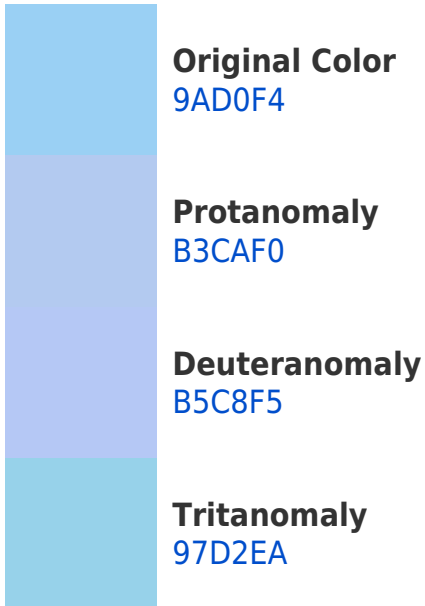
## Dichromacy



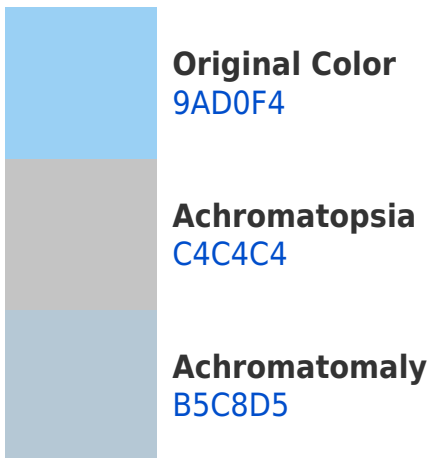


**Tritanopia**  
96D3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AD0F4 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 #9AD0F4 looks like.

```
.text, #text, p{  
    color:#9AD0F4  
}
```

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 #9AD0F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AD0F4
}
```

## Border

The CSS property to change the border of an element to Hex 9AD0F4 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
#9AD0F4 }
```

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

```
.border{ border-color:#9AD0F4 }
```

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

Here you see how a box with a 4 pixel #9AD0F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AD0F4; -webkit-box-shadow:4px 4px  
4px 4px #9AD0F4; box-shadow:4px 4px 4px  
4px #9AD0F4 }
```

# Background

The CSS property to change the background color of an element to Hex 9AD0F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AD0F4 }
```

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

```
.background{ background-color:#9AD0F4 }
```

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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