

# Converting Colors

Hex(9DAFB2)

Have a look what the booklet for  
Hex(9DAFB2) contains.

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# **Color**

**Hex(9DAFB2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DAFB2
RGB	157, 175, 178
RGB Percent	62%, 69%, 70%
CMY	0.3843, 0.3137, 0.3020
CMYK	0.12, 0.02, 0.00, 0.30
HSL	189°, 12%, 66%
HSV	189°, 12%, 70%
XYZ	37.2705, 41.0424, 48.0771
YIQ	169.9600, -11.6910, -2.8830

# Conversions

## Conversions Part 2

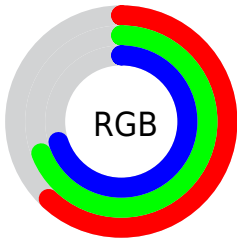
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 167, 178
Decimal	10334130
CIELab	70.21, -5.61, -3.67
CIELCh	70, 6.698, 213.182
Yxy	41.0424, 0.2949, 0.3247
Android (android.graphics.Color)	4288524210 (0xFF9DAFB2)
YUV	169.9600, 3.9637, -11.3659
Hunter-Lab	64.0643, -8.2673, 0.3509

# Details

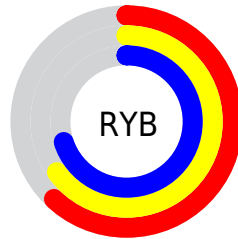
The Hex color **9DAFB2** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B2A09D**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **D4E7EA**, and **6A7B7D** is the 20% darker color. If you saturate the color by 10%, you get **8BACB2**, and if you desaturate by 10%, it is **AFB2B2**.

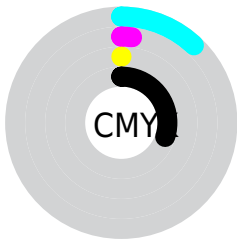
# Distribution



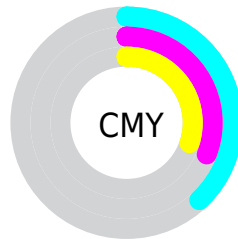
- Red (62%)
- Green (69%)
- Blue (70%)



- Red (62%)
- Yellow (65%)
- Blue (70%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (30%)



- Cyan (38%)
- Magenta (31%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DAFB2 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 9DAFB2 by changing the saturation by 10% instead.





9DAFB2



9DAFB2

FFFFFF



839497



D4E7EA



6A7B7D



F0FFFF



516264



3A4A4D



243336



0F1E21



00020A



000000



9DAFB2



9DAFB2

8BACB2

AFB2B2

79AAB2

C1B4B2

68A7B2

D2B7B2

56A5B2

E4B9B2

44A2B2

F6BCB2

32A0B2

FFBEB2

209DB2

FFC1B2

0F9BB2

FFC3B2

0099B2

FFC6B2

# Harmonies

## Analogous

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



9EAFAC



9DAFB2



A0AEB6

# Triad

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



9DAFB2



B4A8B1



B0ABA0

# Complementary

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



9DAFB2



B2A09D

# 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.



B6A9A1



9DAFB2



B8A8AB

# Square

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



9DAFB2



AEAAB6



B9A8A5



A9ADA1

# Rectangle

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



9DAFB2



A4ADB8



B9A8A5



B2ABA0

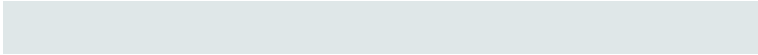


# Sweetspot

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



9DAFB2



DFE7E8



9DB2A0



6F7475



F5F5F5



757575



# Same Dimension

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



9DAFB2



C8E3E8



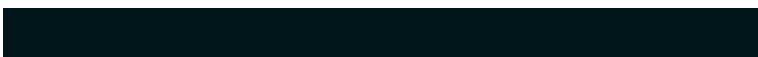
9DA5B2



505859



008399



00161A



# Inverse Universe

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



B29DAF



E8C8E3



B2AA9D



595058



990083



1A0016



# Previews

## White Background



This preview shows how the Hex color 9DAFB2 looks on a white background.

## Color Contrast Check

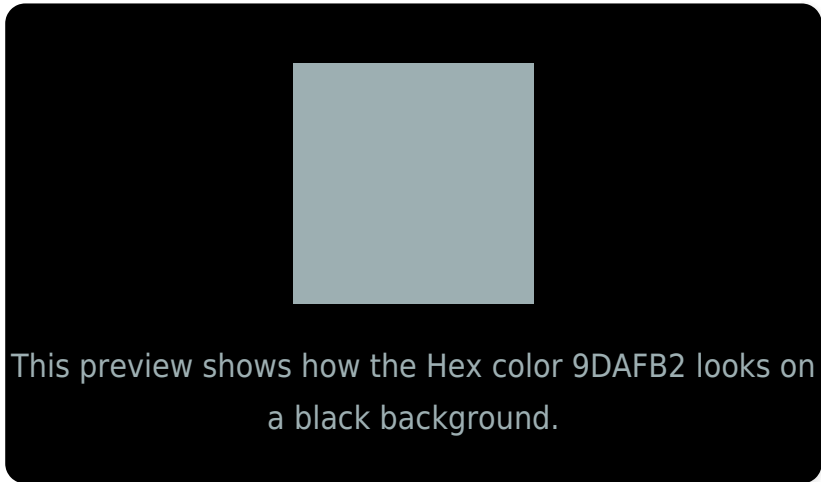
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

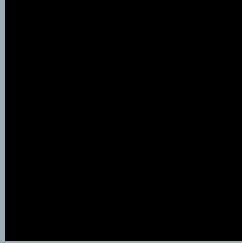
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

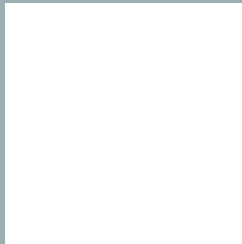
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9DAFB2 Background



This preview shows how black text looks on a background with the Hex color 9DAFB2.

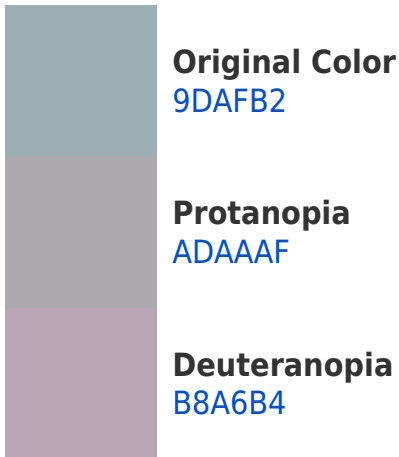


This preview shows how white text looks on a background with the Hex color 9DAFB2.

# 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**  
9FAEBB

# Trichromacy



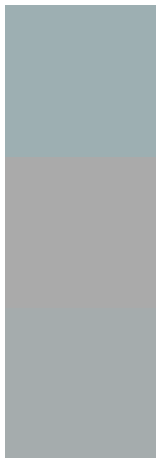
**Original Color**  
9DAFB2

**Protanomaly**  
A7ACB0

**Deuteranomaly**  
AEA9B3

**Tritanomaly**  
9EAEB8

# Monochromacy



**Original Color**  
9DAFB2

**Achromatopsia**  
AAAAAA

**Achromatomaly**  
A5ACAD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DAFB2 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 #9DAFB2 looks like.

```
.text, #text, p{  
    color:#9DAFB2  
}
```

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 #9DAFB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DAFB2
}
```

## Border

The CSS property to change the border of an element to Hex 9DAFB2 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
#9DAFB2 }
```

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

```
.border{ border-color:#9DAFB2 }
```

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

Here you see how a box with a 4 pixel #9DAFB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DAFB2; -webkit-box-shadow:4px 4px  
4px 4px #9DAFB2; box-shadow:4px 4px 4px  
4px #9DAFB2 }
```

# Background

The CSS property to change the background color of an element to Hex 9DAFB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DAFB2 }
```

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

```
.background{ background-color:#9DAFB2 }
```

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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