

Converting Colors

Hex(9BAAF5)

Have a look what the booklet for
Hex(9BAAF5) contains.

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Color

Hex(9BAAF5)

Conversions

Conversions Part 1

Format	Color
Hex	9BAAF5
RGB	155, 170, 245
RGB Percent	61%, 67%, 96%
CMY	0.3922, 0.3333, 0.0392
CMYK	0.37, 0.31, 0.00, 0.04
HSL	230°, 82%, 78%
HSV	230°, 37%, 96%
XYZ	44.3737, 42.3106, 92.2142
YIQ	174.0650, -33.0150, 20.1450

Conversions

Conversions Part 2

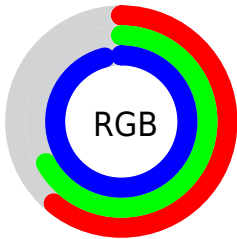
Format	Color
R _Y B	155, 168, 245
Decimal	10201845
CIE Lab	71.08, 12.52, -39.08
CIE LCh	71, 41.034, 287.761
Yxy	42.3106, 0.2480, 0.2365
Android (android.graphics.Color)	4288391925 (0xFF9BAAF5)
YUV	174.0650, 34.9710, -16.7200
Hunter-Lab	65.0466, 7.9383, -38.5207

Details

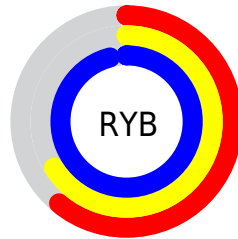
The Hex color **9BAAF5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **F5E69B**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **D4E1FF**, and **6476BC** is the 20% darker color. If you saturate the color by 10%, you get **8396F5**, and if you desaturate by 10%, it is **B3BEF5**.

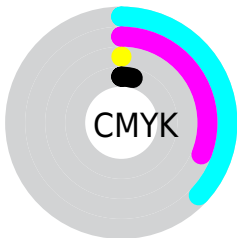
Distribution



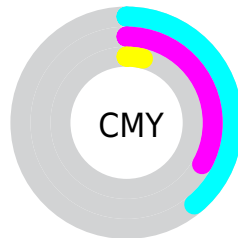
- Red (61%)
- Green (67%)
- Blue (96%)



- Red (61%)
- Yellow (66%)
- Blue (96%)



- Cyan (37%)
- Magenta (31%)
- Yellow (0%)
- Black (4%)



- Cyan (39%)
- Magenta (33%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BAAF5 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 9BAAF5 by changing the saturation by 10% instead.

 9BAAF5

 9BAAF5

FFFFFF

 7F90D8

 D4E1FF

 6476BC

 F1FEFF

 495EA1


 2C4687

 06306D

 001C54

 00003D

 000326

 00010F

■ 9BAAF5

■ 9BAAF5

■ 8396F5

■ B3BEF5

■ 6A81F5

■ CCD3F5

■ 526DF5

■ E4E7F5

■ 3958F5

■ FDFCF5

■ 2044F5

■ FFFFF5

■ 0830F5

■ 0029F5

Harmonies

Analogous

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



58B6F6



9BAAF5



CE9CE1

Triad

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



9BAAF5



ED9A78



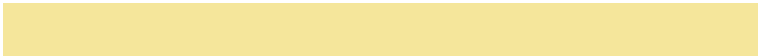
53C19D

Complementary

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



9BAAF5



F5E69B

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.



85BC7A



9BAAF5



D4A665

Square

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



9BAAF5



F79199



B0B365



00C2C4

Rectangle

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



9BAAF5



E595CB



B0B365



65C090

Sweetspot

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



9BAAF5



E3E8FF



9BF5E6



6F7280



000000



808080

Same Dimension

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



9BAAF5



8FA2FF



B99BF5



6E707A



001FBA



000A3B

Inverse Universe

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



F59BAA



FF8FA2



D7F59B



7A6E70



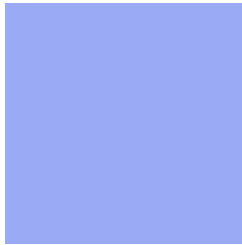
BA001F



3B000A

Previews

White Background



This preview shows how the Hex color 9BAAF5 looks on a white background.

Color Contrast Check

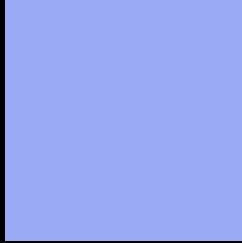
Large Text (above 18pt) WCAG AA × Fail

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 9BAAF5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

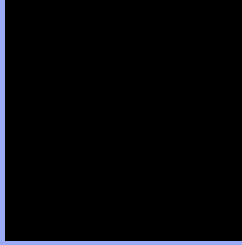
Any Text WCAG AA ✓ Pass

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 9BAAF5 Background



This preview shows how black text looks on a background with the Hex color 9BAAF5.



This preview shows how white text looks on a background with the Hex color 9BAAF5.

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
9BAAF5

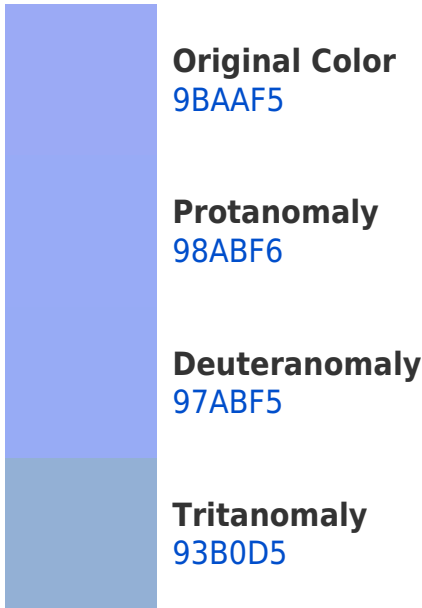
Protanopia
96ABF6

Deuteranopia
94ACF5

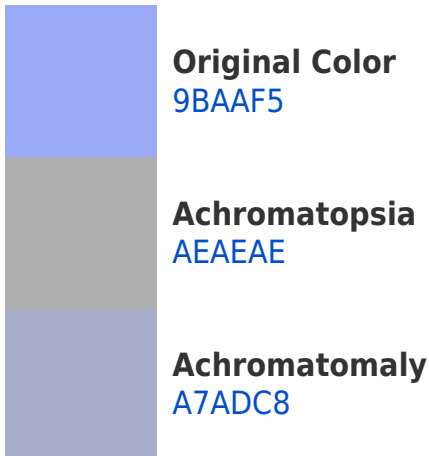


Tritanopia
8FB4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BAAF5 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 #9BAAF5 looks like.

```
.text, #text, p{  
    color:#9BAAF5  
}
```

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 #9BAAF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BAAF5  
}
```

Border

The CSS property to change the border of an element to Hex 9BAAF5 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  
#9BAAF5 }
```

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

```
.border{ border-color:#9BAAF5 }
```

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

Here you see how a box with a 4 pixel #9BAAF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BAAF5; -webkit-box-shadow:4px 4px  
4px 4px #9BAAF5; box-shadow:4px 4px 4px  
4px #9BAAF5 }
```

Background

The CSS property to change the background color of an element to Hex 9BAAF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BAAF5 }
```

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

```
.background{ background-color:#9BAAF5 }
```

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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