

Converting Colors

Hex(9AA0F6)

Have a look what the booklet for
Hex(9AA0F6) contains.

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Color

Hex(9AA0F6)

Conversions

Conversions Part 1

Format	Color
Hex	9AA0F6
RGB	154, 160, 246
RGB Percent	60%, 63%, 96%
CMY	0.3961, 0.3725, 0.0353
CMYK	0.37, 0.35, 0.00, 0.04
HSL	236°, 84%, 78%
HSV	236°, 37%, 96%
XYZ	42.5318, 38.6655, 92.4103
YIQ	168.0100, -31.1820, 25.4740

Conversions

Conversions Part 2

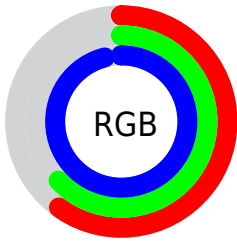
Format	Color
RYB	154, 160, 246
Decimal	10133750
CIELab	68.51, 18.18, -43.65
CIElCh	69, 47.288, 292.608
Yxy	38.6655, 0.2450, 0.2227
Android (android.graphics.Color)	4288323830 (0xFF9AA0F6)
YUV	168.0100, 38.4491, -12.2868
Hunter-Lab	62.1816, 13.2751, -44.5860

Details

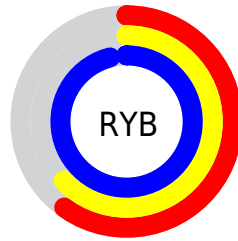
The Hex color **9AA0F6** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F6F09A**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **D3D7FF**, and **636DBD** is the 20% darker color. If you saturate the color by 10%, you get **8189F6**, and if you desaturate by 10%, it is **B3B7F6**.

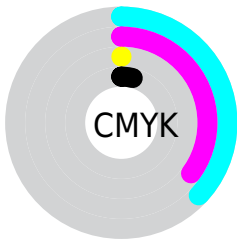
Distribution



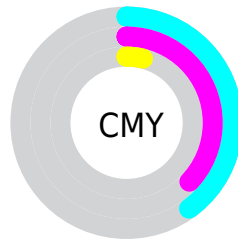
- Red (60%)
- Green (63%)
- Blue (96%)



- Red (60%)
- Yellow (63%)
- Blue (96%)



- Cyan (37%)
- Magenta (35%)
- Yellow (0%)
- Black (4%)



- Cyan (40%)
- Magenta (37%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AA0F6 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 9AA0F6 by changing the saturation by 10% instead.

■ 9AA0F6

■ 9AA0F6

FFFFFF

■ 7E86D9

■ D3D7FF

■ 636DBD

■ F0F3FF

■ 4755A2

■ 2A3E87

■ 00286E

■ 001555

■ 00003D

■ 000326

■ 00010F

9AA0F6

9AA0F6

8189F6

B3B7F6

6972F6

CBCEF6

505BF6

E4E5F6

3844F6

FCFCF6

1F2DF6

FFFFF6

0616F6

0010F6

Harmonies

Analogous

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



41AFFB



9AA0F6



D290DB

Triad

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



9AA0F6



E99264



17BC9B

Complementary

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



9AA0F6



F6F09A

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.



6EB871



9AA0F6



CAA151

Square

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



9AA0F6



F88689



A1AE55



00BDC7

Rectangle

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



9AA0F6



EA87C2



A1AE55



40BB8C

Sweetspot

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



9AA0F6



E3E5FF



9AF6F0



6F7080



000000



808080

Same Dimension

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



9AA0F6



8C94FF



C29AF6



6E6F7A



000CBA



00043B

Inverse Universe

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



F69AA0



FF8C94



CEF69A



7A6E6F



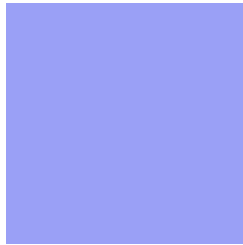
BA000C



3B0004

Previews

White Background



This preview shows how the Hex color 9AA0F6 looks on a white background.

Color Contrast Check

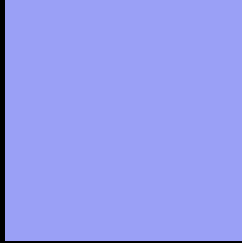
Large Text (above 18pt) WCAG AA × Fail

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 9AA0F6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

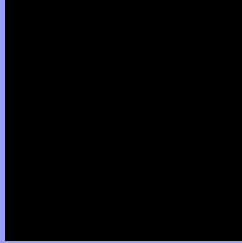
Any Text WCAG AA ✓ Pass

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 9AA0F6 Background



This preview shows how black text looks on a background with the Hex color 9AA0F6.



This preview shows how white text looks on a background with the Hex color 9AA0F6.

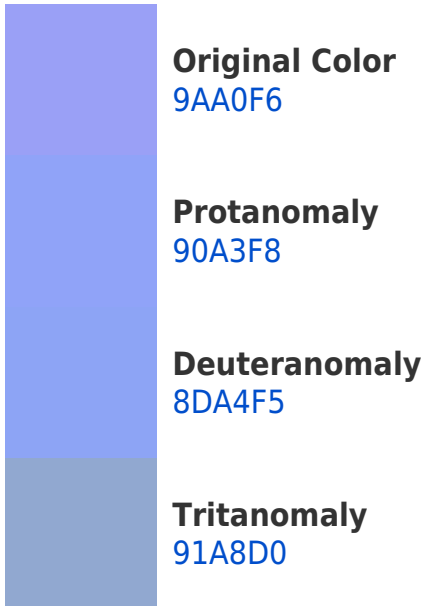
Color Blindness Simulation

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](#).

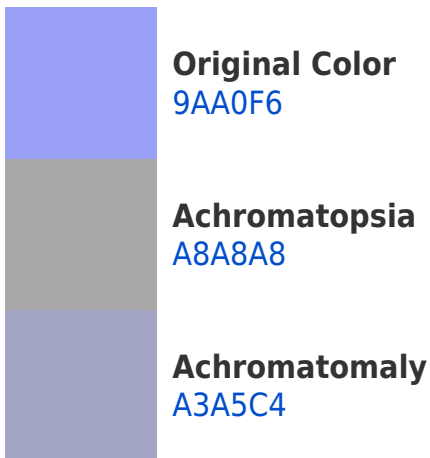
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AA0F6 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 #9AA0F6 looks like.

```
.text, #text, p{  
    color:#9AA0F6  
}
```

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 #9AA0F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AA0F6  
}
```

Border

The CSS property to change the border of an element to Hex 9AA0F6 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  
#9AA0F6 }
```

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

```
.border{ border-color:#9AA0F6 }
```

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

Here you see how a box with a 4 pixel #9AA0F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AA0F6; -webkit-box-shadow:4px 4px  
4px 4px #9AA0F6; box-shadow:4px 4px 4px  
4px #9AA0F6 }
```

Background

The CSS property to change the background color of an element to Hex 9AA0F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AA0F6 }
```

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

```
.background{ background-color:#9AA0F6 }
```

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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