

Converting Colors

Hex(9AA8E4)

Have a look what the booklet for
Hex(9AA8E4) contains.

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Color

Hex(9AA8E4)

Conversions

Conversions Part 1

Format	Color
Hex	9AA8E4
RGB	154, 168, 228
RGB Percent	60%, 66%, 89%
CMY	0.3961, 0.3412, 0.1059
CMYK	0.32, 0.26, 0.00, 0.11
HSL	229°, 58%, 75%
HSV	229°, 32%, 89%
XYZ	41.3326, 40.4767, 79.0331
YIQ	170.6540, -27.6040, 15.6920

Conversions

Conversions Part 2

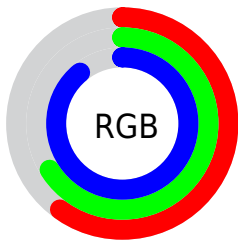
Format	Color
R_YB	154, 166, 228
Decimal	10135780
CIE Lab	69.81, 8.95, -31.80
CIE LCh	70, 33.032, 285.720
Yxy	40.4767, 0.2570, 0.2517
Android (android.graphics.Color)	4288325860 (0xFF9AA8E4)
YUV	170.6540, 28.2716, -14.6056
Hunter-Lab	63.6213, 4.6282, -29.1176

Details

The Hex color **9AA8E4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E4D69A**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **D2DFFF**, and **6474AC** is the 20% darker color. If you saturate the color by 10%, you get **8396E4**, and if you desaturate by 10%, it is **B1BAE4**.

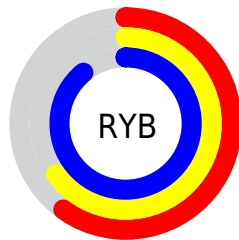
Distribution



Red (60%)

Green (66%)

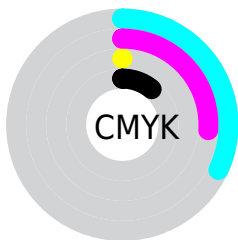
Blue (89%)



Red (60%)

Yellow (65%)

Blue (89%)

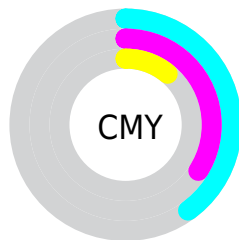


Cyan (32%)

Magenta (26%)

Yellow (0%)

Black (11%)



Cyan (40%)

Magenta (34%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AA8E4 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 9AA8E4 by changing the saturation by 10% instead.

■ 9AA8E4

■ 9AA8E4

FFFFFF

■ 7F8EC8

■ D2DFFF

■ 6474AC

■ EFFCFF

■ 4A5C92

■ 304478

■ 132E5F

■ 001A47

■ 000030

■ 00011A

■ 000000

■ 9AA8E4

■ 9AA8E4

■ 8396E4

■ B1BAE4

■ 6C83E4

■ C8CDE4

■ 5671E4

■ DEDFE4

■ 3F5EE4

■ F5F2E4

■ 284CE4

■ FFFFE4

■ 1139E4

■ 002BE4

Harmonies

Analogous

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



6BB2E4



9AA8E4



C29DD5

Triad

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



9AA8E4



E09A81



69BA9B

Complementary

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



9AA8E4



E4D69A

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.



8DB580



9AA8E4



CCA471

Square

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



9AA8E4



E6949C



AFAE70



4ABBBA

Rectangle

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



9AA8E4



D597C4



AFAE70



76B991

Sweetspot

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



9AA8E4



E6EAFF



9AE4D5



707380



000000



808080

Same Dimension

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



9AA8E4



9CAEFF



B09AE4



676973



0022B3



000A33

Inverse Universe

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



E49AA8



FF9CAE



CEE49A



736769



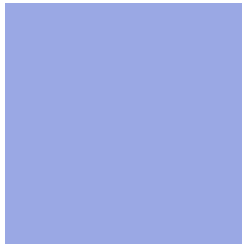
B30022



33000A

Previews

White Background



This preview shows how the Hex color 9AA8E4 looks on a white background.

Color Contrast Check

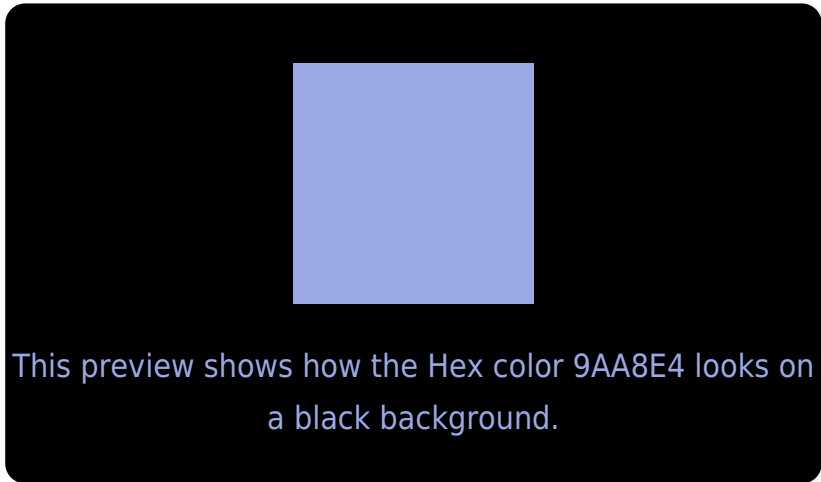
Large Text (above 18pt) WCAG AA × Fail

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 9AA8E4 Background



This preview shows how black text looks on a background with the Hex color 9AA8E4.



This preview shows how white text looks on a background with the Hex color 9AA8E4.

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
9AA8E4

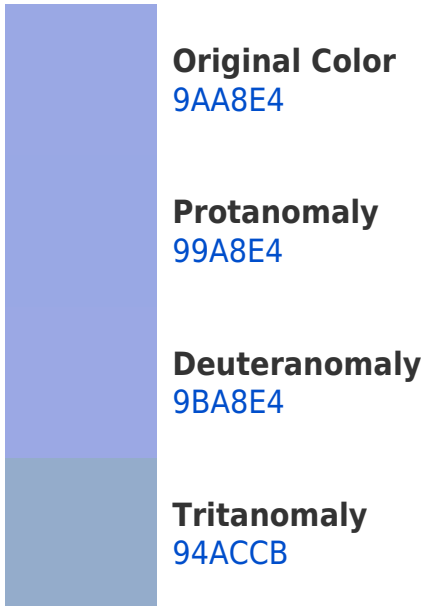
Protanopia
99A8E4

Deuteranopia
9BA8E4

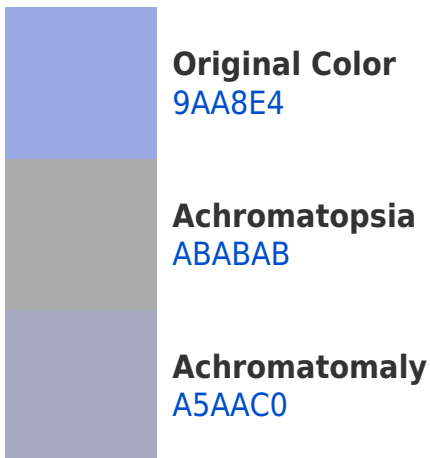


Tritanopia
91AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AA8E4 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 #9AA8E4 looks like.

```
.text, #text, p{  
    color:#9AA8E4  
}
```

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 #9AA8E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AA8E4
}
```

Border

The CSS property to change the border of an element to Hex 9AA8E4 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
#9AA8E4 }
```

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

```
.border{ border-color:#9AA8E4 }
```

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

Here you see how a box with a 4 pixel #9AA8E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AA8E4; -webkit-box-shadow:4px 4px  
4px 4px #9AA8E4; box-shadow:4px 4px 4px  
4px #9AA8E4 }
```

Background

The CSS property to change the background color of an element to Hex 9AA8E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AA8E4 }
```

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

```
.background{ background-color:#9AA8E4 }
```

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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