

Converting Colors

Hex(9EA8E4)

Have a look what the booklet for
Hex(9EA8E4) contains.

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Color

Hex(9EA8E4)

Conversions

Conversions Part 1

Format	Color
Hex	9EA8E4
RGB	158, 168, 228
RGB Percent	62%, 66%, 89%
CMY	0.3804, 0.3412, 0.1059
CMYK	0.31, 0.26, 0.00, 0.11
HSL	231°, 56%, 76%
HSV	231°, 31%, 89%
XYZ	42.1068, 40.8758, 79.0693
YIQ	171.8500, -25.2200, 16.5400

Conversions

Conversions Part 2

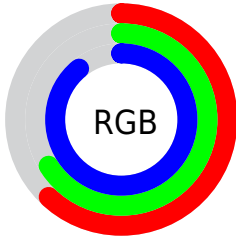
Format	Color
R_{YB}	158, 167, 228
Decimal	10397924
CIE _{Lab}	70.09, 10.09, -31.34
CIE _{LCh}	70, 32.923, 287.843
Yxy	40.8758, 0.2598, 0.2522
Android (android.graphics.Color)	4288588004 (0xFF9EA8E4)
YUV	171.8500, 27.6820, -12.1464
Hunter-Lab	63.9342, 5.6745, -28.5718

Details

The Hex color **9EA8E4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E4DA9E**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **D6DFFF**, and **6974AC** is the 20% darker color. If you saturate the color by 10%, you get **8794E4**, and if you desaturate by 10%, it is **B5BCE4**.

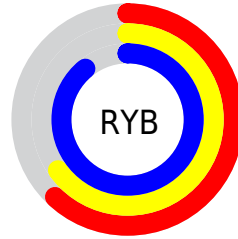
Distribution



Red (62%)

Green (66%)

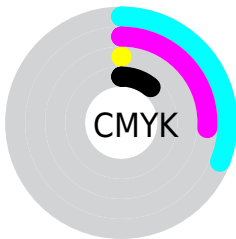
Blue (89%)



Red (62%)

Yellow (65%)

Blue (89%)

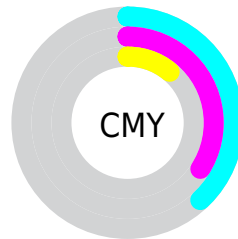


Cyan (31%)

Magenta (26%)

Yellow (0%)

Black (11%)



Cyan (38%)

Magenta (34%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EA8E4 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 9EA8E4 by changing the saturation by 10% instead.

 9EA8E4

 9EA8E4

FFFFFF

 838EC8

 D6DFFF

 6974AC

 F3FCFF

 4F5C92

 354478

 1A2E5F

 001A47

 000030

 00011A

 000000

■ 9EA8E4

■ 9EA8E4

■ 8794E4

■ B5BCE4

■ 7081E4

■ CCCFE4

■ 5A6DE4

■ E2E3E4

■ 435AE4

■ F9F6E4

■ 2C46E4

■ FFFFE4

■ 1533E4

■ 0021E4

Harmonies

Analogous

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



70B2E5



9EA8E4



C59DD4

Triad

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



9EA8E4



DF9B80



68BB9E

Complementary

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



9EA8E4



E4DA9E

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.



8CB782



9EA8E4



CBA571

Square

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



9EA8E4



E7959A



AEAF72



4ABCBD

Rectangle

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



9EA8E4



D898C3



AEAF72



74BA94

Sweetspot

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



9EA8E4



E8EBFF



9EE4DA



717380



000000



808080

Same Dimension

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



9EA8E4



A1AEFF



B69EE4



676973



0019B3



000733

Inverse Universe

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



E49EA8



FFA1AE



CBE49E



736769



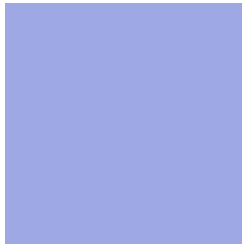
B3001A



330007

Previews

White Background



This preview shows how the Hex color 9EA8E4 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

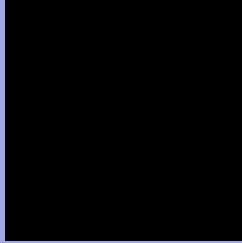
Any Text WCAG AA ✓ Pass

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 9EA8E4 Background



This preview shows how black text looks on a background with the Hex color 9EA8E4.



This preview shows how white text looks on a background with the Hex color 9EA8E4.

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
9EA8E4

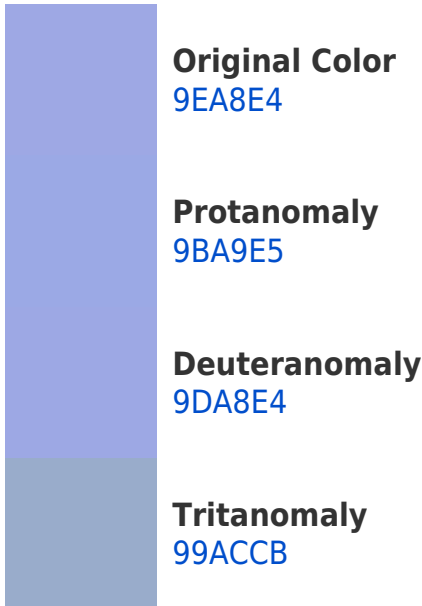
Protanopia
9AA9E5

Deuteranopia
9CA8E4

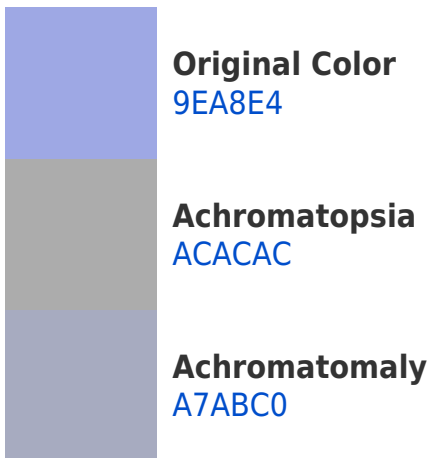


Tritanopia
96AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9EA8E4 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 #9EA8E4 looks like.

```
.text, #text, p{  
    color:#9EA8E4  
}
```

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 #9EA8E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EA8E4
}
```

Border

The CSS property to change the border of an element to Hex 9EA8E4 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
#9EA8E4 }
```

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

```
.border{ border-color:#9EA8E4 }
```

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

Here you see how a box with a 4 pixel #9EA8E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EA8E4; -webkit-box-shadow:4px 4px  
4px 4px #9EA8E4; box-shadow:4px 4px 4px  
4px #9EA8E4 }
```

Background

The CSS property to change the background color of an element to Hex 9EA8E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EA8E4 }
```

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

```
.background{ background-color:#9EA8E4 }
```

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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