

Converting Colors

Hex(9EA5E1)

Have a look what the booklet for
Hex(9EA5E1) contains.

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Color

Hex(9EA5E1)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9EA5E1 |
| RGB | 158, 165, 225 |
| RGB Percent | 62%, 65%, 88% |
| CMY | 0.3804, 0.3529, 0.1176 |
| CMYK | 0.30, 0.27, 0.00, 0.12 |
| HSL | 234°, 53%, 75% |
| HSV | 234°, 30%, 88% |
| XYZ | 41.1463, 39.6156, 76.7121 |
| YIQ | 169.7470, -23.4320, 17.1760 |

Conversions

Conversions Part 2

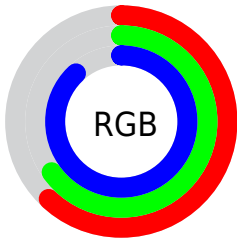
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 158, 164, 225 |
| Decimal | 10397153 |
| CIE _{Lab} | 69.19, 11.02, -31.08 |
| CIE _{LCh} | 69, 32.972, 289.526 |
| Yxy | 39.6156, 0.2613, 0.2516 |
| Android (android.graphics.Color) | 4288587233 (0xFF9EA5E1) |
| YUV | 169.7470, 27.2397, -10.3021 |
| Hunter-Lab | 62.9409, 6.5439, -28.2037 |

Details

The Hex color **9EA5E1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E1DA9E**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **D6DCFF**, and **6971A9** is the 20% darker color. If you saturate the color by 10%, you get **8891E1**, and if you desaturate by 10%, it is **B5B9E1**.

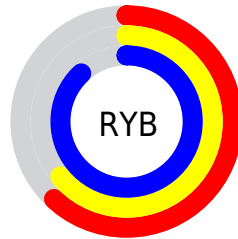
Distribution



Red (62%)

Green (65%)

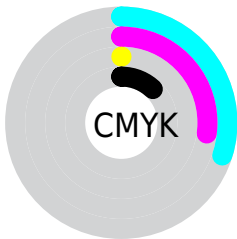
Blue (88%)



Red (62%)

Yellow (64%)

Blue (88%)

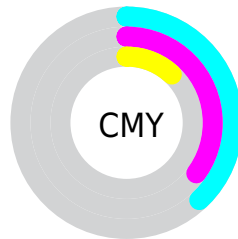


Cyan (30%)

Magenta (27%)

Yellow (0%)

Black (12%)



Cyan (38%)

Magenta (35%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EA5E1 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 9EA5E1 by changing the saturation by 10% instead.

■ 9EA5E1

■ 9EA5E1

FFFFFF

■ 838BC5

■ D6DCFF

■ 6971A9

■ F3F8FF

■ 4F598F

■ 354275

■ 1B2C5C

■ 001844

■ 00002E

■ 000118

■ 000000

■ 9EA5E1

■ 9EA5E1

■ 8891E1

■ B5B9E1

■ 717DE1

■ CBCDE1

■ 5B69E1

■ E2E1E1

■ 4454E1

■ F8F6E1

■ 2E40E1

■ FFFFE1

■ 172CE1

■ 0118E1

■ 0018E1

Harmonies

Analogous

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



70AFE3



9EA5E1



C59AD0

Triad

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



9EA5E1



DC9A7D



63B99D

Complementary

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



9EA5E1



E1DA9E

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.



87B481



9EA5E1



C7A36E

Square

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



9EA5E1



E49396



A9AD70



45B9BC

Rectangle

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



9EA5E1



D695BE



A9AD70



6FB893

Sweetspot

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



9EA5E1



E8EAFF



9EE1D9



717380



000000



808080

Same Dimension

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



9EA5E1



A3ADFF



B89EE1



656670



0012B0



000530

Inverse Universe

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



E19EA5



FFA3AD



C7E19E



706566



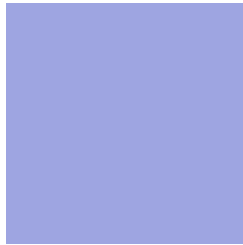
B00012



300005

Previews

White Background



This preview shows how the Hex color 9EA5E1 looks on a white background.

Color Contrast Check

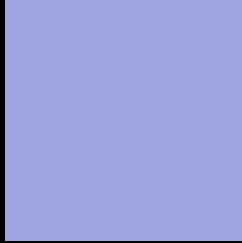
Large Text (above 18pt) WCAG AA × Fail

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 9EA5E1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

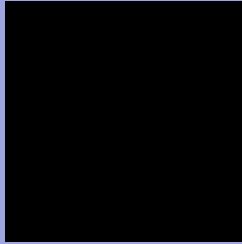
Any Text WCAG AA ✓ Pass

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 9EA5E1 Background



This preview shows how black text looks on a background with the Hex color 9EA5E1.



This preview shows how white text looks on a background with the Hex color 9EA5E1.

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

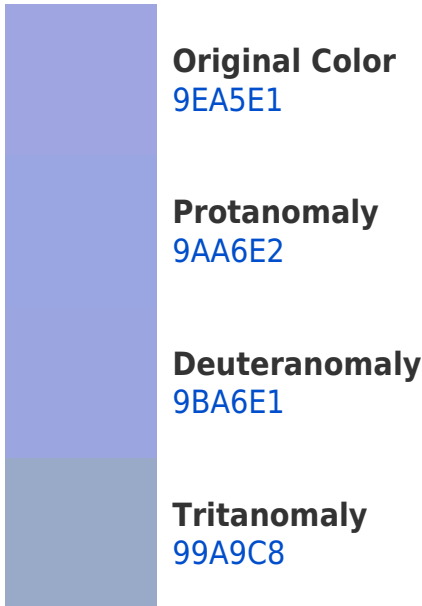


Original Color
9EA5E1

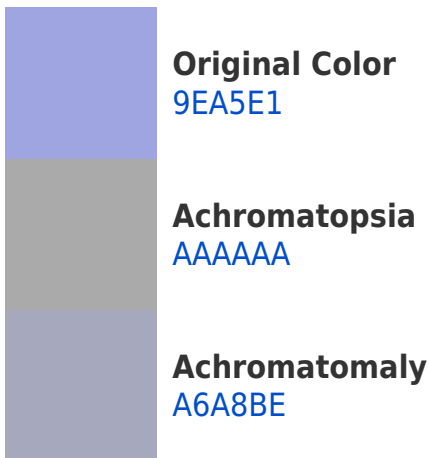
Protanopia
98A7E2

Deuteranopia
9AA6E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9EA5E1 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 #9EA5E1 looks like.

```
.text, #text, p{  
    color:#9EA5E1  
}
```

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 #9EA5E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EA5E1
}
```

Border

The CSS property to change the border of an element to Hex 9EA5E1 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
#9EA5E1 }
```

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

```
.border{ border-color:#9EA5E1 }
```

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

Here you see how a box with a 4 pixel #9EA5E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EA5E1; -webkit-box-shadow:4px 4px  
4px 4px #9EA5E1; box-shadow:4px 4px 4px  
4px #9EA5E1 }
```

Background

The CSS property to change the background color of an element to Hex 9EA5E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EA5E1 }
```

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

```
.background{ background-color:#9EA5E1 }
```

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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