

Converting Colors

Hex(9EB5E6)

Have a look what the booklet for
Hex(9EB5E6) contains.

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Color

Hex(9EB5E6)

Conversions

Conversions Part 1

Format	Color
Hex	9EB5E6
RGB	158, 181, 230
RGB Percent	62%, 71%, 90%
CMY	0.3804, 0.2902, 0.0980
CMYK	0.31, 0.21, 0.00, 0.10
HSL	221°, 59%, 76%
HSV	221°, 31%, 90%
XYZ	44.9074, 46.0300, 81.3807
YIQ	179.7090, -29.4370, 10.3630

Conversions

Conversions Part 2

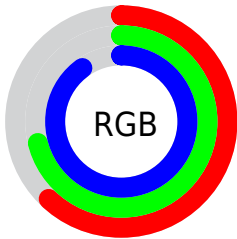
Format	Color
R _Y B	158, 175, 230
Decimal	10401254
CIE Lab	73.57, 3.37, -27.08
CIE LCh	74, 27.290, 277.102
Yxy	46.0300, 0.2606, 0.2671
Android (android.graphics.Color)	4288591334 (0xFF9EB5E6)
YUV	179.7090, 24.7935, -19.0388
Hunter-Lab	67.8454, -0.5791, -23.6267

Details

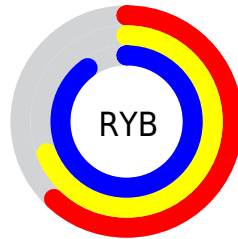
The Hex color **9EB5E6** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E6CF9E**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **D6EDFF**, and **6880AE** is the 20% darker color. If you saturate the color by 10%, you get **87A5E6**, and if you desaturate by 10%, it is **B5C5E6**.

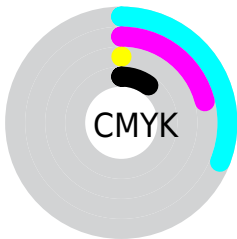
Distribution



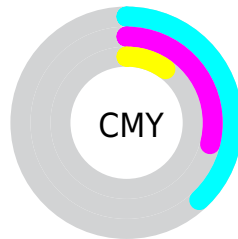
- Red (62%)
- Green (71%)
- Blue (90%)



- Red (62%)
- Yellow (69%)
- Blue (90%)



- Cyan (31%)
- Magenta (21%)
- Yellow (0%)
- Black (10%)



- Cyan (38%)
- Magenta (29%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EB5E6 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 9EB5E6 by changing the saturation by 10% instead.

■ 9EB5E6

■ 9EB5E6

FFFFFF

■ 839ACA

■ D6EDFF

■ 6880AE

■ F3FFFF

■ 4F6794

■ 354F7A

■ 193961

■ 002449

■ 000E32

■ 00021C


■ 000000

 9EB5E6

 9EB5E6

 87A5E6

 B5C5E6

 7096E6

 CCD4E6

 5986E6

 E3E4E6

 4276E6

 FAF4E6

 2B67E6

 FFFFE6

 1457E6

 0049E6

Harmonies

Analogous

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



7DBDE2



9EB5E6



C0ACDD

Triad

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



9EB5E6



E5A598



89C1A0

Complementary

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



9EB5E6



E6CF9E

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.



A5BC8C



9EB5E6



D8AD87

Square

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



9EB5E6



E7A2B0



C1B583



71C3BA

Rectangle

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



9EB5E6



D3A7D0



C1B583



92C099

Sweetspot

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



9EB5E6



E8EFFF



9EE6CE



717680



000000



808080

Same Dimension

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



9EB5E6



9EBDFE



AA9EE6



676B73



0039B3



001033

Inverse Universe

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



E69EB5



FF9EBD



DAE69E



73676B



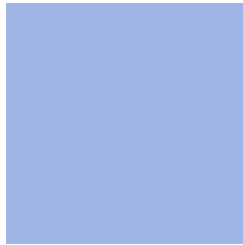
B30039



330010

Previews

White Background



This preview shows how the Hex color 9EB5E6 looks on a white background.

Color Contrast Check

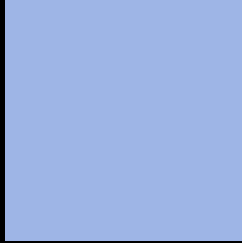
Large Text (above 18pt) WCAG AA × Fail

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 9EB5E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

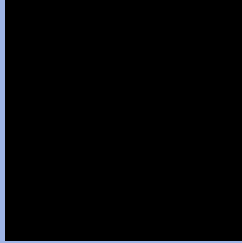
Any Text WCAG AA ✓ Pass

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 9EB5E6 Background



This preview shows how black text looks on a background with the Hex color 9EB5E6.

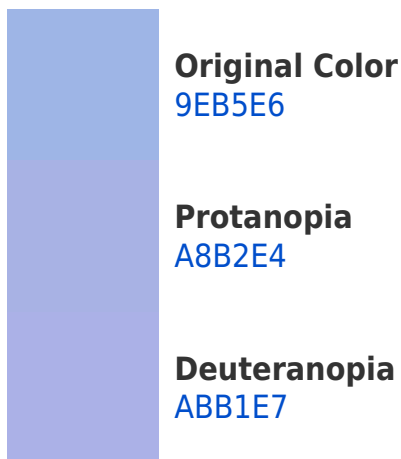


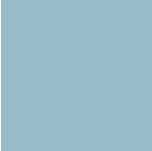
This preview shows how white text looks on a background with the Hex color 9EB5E6.

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](#).

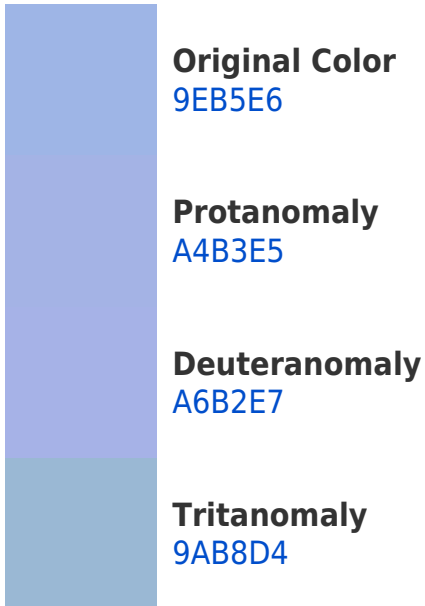
Dichromacy



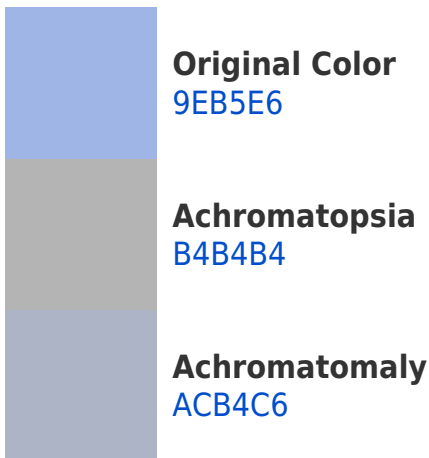


Tritanopia
98BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9EB5E6 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 #9EB5E6 looks like.

```
.text, #text, p{  
    color:#9EB5E6  
}
```

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 #9EB5E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EB5E6  
}
```

Border

The CSS property to change the border of an element to Hex 9EB5E6 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  
#9EB5E6 }
```

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

```
.border{ border-color:#9EB5E6 }
```

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

Here you see how a box with a 4 pixel #9EB5E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EB5E6; -webkit-box-shadow:4px 4px  
4px 4px #9EB5E6; box-shadow:4px 4px 4px  
4px #9EB5E6 }
```

Background

The CSS property to change the background color of an element to Hex 9EB5E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EB5E6 }
```

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

```
.background{ background-color:#9EB5E6 }
```

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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