

# Converting Colors

Hex(9EB9E5)

Have a look what the booklet for  
Hex(9EB9E5) contains.

<b>Hex(9EB9E5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(9EB9E5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EB9E5
RGB	158, 185, 229
RGB Percent	62%, 73%, 90%
CMY	0.3804, 0.2745, 0.1020
CMYK	0.31, 0.19, 0.00, 0.10
HSL	217°, 58%, 76%
HSV	217°, 31%, 90%
XYZ	45.5924, 47.6242, 80.9181
YIQ	181.9430, -30.2160, 7.9600

# Conversions

## Conversions Part 2

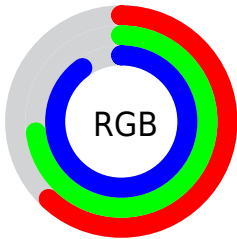
Format	Color
R <sub>Y</sub> B	158, 178, 229
Decimal	10402277
CIE Lab	74.59, 0.94, -24.97
CIE LCh	75, 24.991, 272.151
Yxy	47.6242, 0.2618, 0.2735
Android (android.graphics.Color)	4288592357 (0xFF9EB9E5)
YUV	181.9430, 23.1991, -20.9980
Hunter-Lab	69.0103, -2.8400, -21.2134

# Details

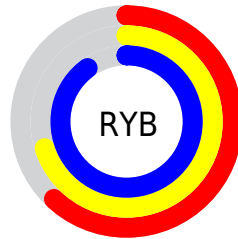
The Hex color **9EB9E5** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E5CA9E**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **D6F1FF**, and **6984AD** is the 20% darker color. If you saturate the color by 10%, you get **87ABE5**, and if you desaturate by 10%, it is **B5C7E5**.

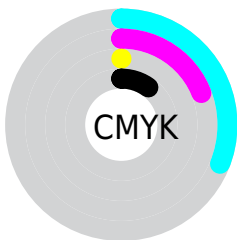
# Distribution



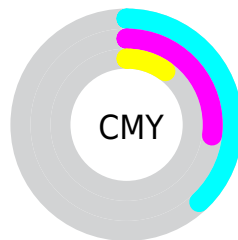
- Red (62%)
- Green (73%)
- Blue (90%)



- Red (62%)
- Yellow (70%)
- Blue (90%)



- Cyan (31%)
- Magenta (19%)
- Yellow (0%)
- Black (10%)



- Cyan (38%)
- Magenta (27%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EB9E5 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 9EB9E5 by changing the saturation by 10% instead.



 9EB9E5

 9EB9E5

FFFFFF

 839EC9

 D6F1FF

 6984AD

 F3FFFF

 4F6B93

 355379

 1A3C60

 002648

 001231

 00021C

 000000

■ 9EB9E5

■ 9EB9E5

■ 87ABE5

■ B5C7E5

■ 709DE5

■ CCD5E5

■ 598EE5

■ E3E4E5

■ 4280E5

■ FAF2E5

■ 2B72E5

■ FFFFE5

■ 1564E5

■ 0057E5

# Harmonies

## Analogous

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



82C0DF



9EB9E5



BDB1DE

# Triad

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



9EB9E5



E6A9A0



94C2A1

# Complementary

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



9EB9E5



E5CA9E

# 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.



AEBE90



9EB9E5



DBAF90

# Square

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



9EB9E5



E5A7B7



C7B78A



7EC5B8

# Rectangle

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



9EB9E5



CFACD4



C7B78A



9CC19B

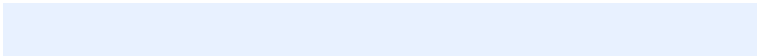


# Sweetspot

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



9EB9E5



E8F1FF



9EE5CA



717780



000000



808080



# Same Dimension

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



9EB9E5



A1C5FF



A69EE5



676C73



0044B3



001333



# Inverse Universe

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



E59EB9



FFA1C5



DDE59E



73676C



B30044

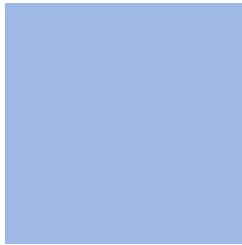


330013



# Previews

## White Background



This preview shows how the Hex color 9EB9E5 looks on a white background.

## Color Contrast Check

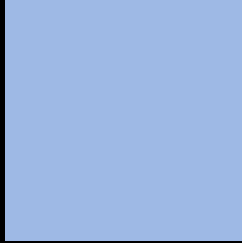
Large Text (above 18pt) WCAG AA × Fail

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 9EB9E5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

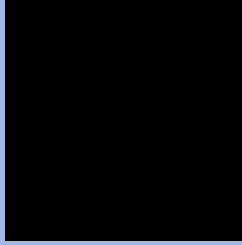
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

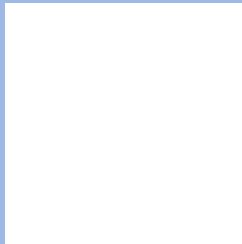
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9EB9E5 Background



This preview shows how black text looks on a background with the Hex color 9EB9E5.



This preview shows how white text looks on a background with the Hex color 9EB9E5.

# 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

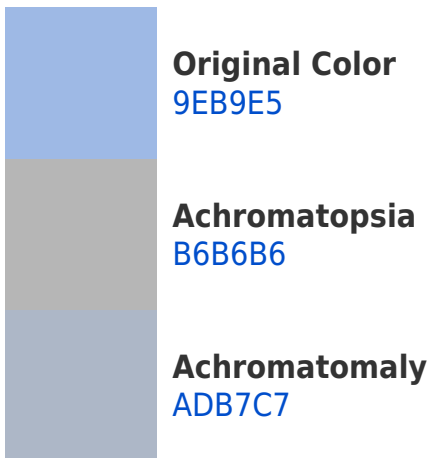




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EB9E5 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 #9EB9E5 looks like.

```
.text, #text, p{  
    color:#9EB9E5  
}
```

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 #9EB9E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EB9E5
}
```

## Border

The CSS property to change the border of an element to Hex 9EB9E5 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
#9EB9E5 }
```

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

```
.border{ border-color:#9EB9E5 }
```

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

Here you see how a box with a 4 pixel #9EB9E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EB9E5; -webkit-box-shadow:4px 4px  
4px 4px #9EB9E5; box-shadow:4px 4px 4px  
4px #9EB9E5 }
```

# Background

The CSS property to change the background color of an element to Hex 9EB9E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EB9E5 }
```

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

```
.background{ background-color:#9EB9E5 }
```

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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