

# Converting Colors

Hex(9EC4E3)

Have a look what the booklet for  
Hex(9EC4E3) contains.

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# **Color**

**Hex(9EC4E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EC4E3
RGB	158, 196, 227
RGB Percent	62%, 77%, 89%
CMY	0.3804, 0.2314, 0.1098
CMYK	0.30, 0.14, 0.00, 0.11
HSL	207°, 55%, 75%
HSV	207°, 30%, 89%
XYZ	47.7056, 52.2950, 80.2526
YIQ	188.1720, -32.5990, 1.5850

# Conversions

## Conversions Part 2

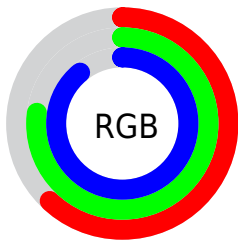
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 183, 227
Decimal	10405091
CIE <sub>Lab</sub>	77.46, -5.47, -19.53
CIE <sub>LCh</sub>	77, 20.281, 254.338
Yxy	52.2950, 0.2647, 0.2901
Android (android.graphics.Color)	4288595171 (0xFF9EC4E3)
YUV	188.1720, 19.1422, -26.4608
Hunter-Lab	72.3153, -8.7972, -15.1770

# Details

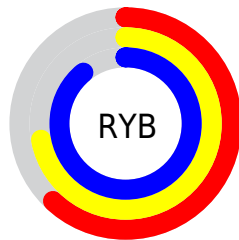
The Hex color **9EC4E3** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E3BD9E**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **D6FDFF**, and **698EAC** is the 20% darker color. If you saturate the color by 10%, you get **87BAE3**, and if you desaturate by 10%, it is **B5CEE3**.

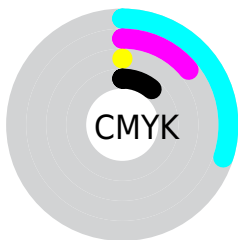
# Distribution



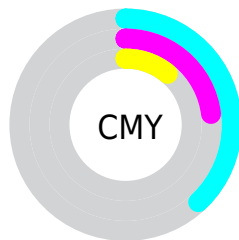
- Red (62%)
- Green (77%)
- Blue (89%)



- Red (62%)
- Yellow (72%)
- Blue (89%)



- Cyan (30%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (38%)
- Magenta (23%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EC4E3 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 9EC4E3 by changing the saturation by 10% instead.



 9EC4E3

 9EC4E3

FFFFFF

 83A9C7

 D6FDFF

 698EAC

 F3FFFF

 4F7591

 355C77

 1A455E

 002F47

 001A30

 00011B

 000000

■ 9EC4E3

■ 9EC4E3

■ 87BAE3

■ B5CEE3

■ 71B0E3

■ CBD8E3

■ 5AA5E3

■ E2E3E3

■ 439BE3

■ F9EDE3

■ 2D91E3

■ FFF7E3

■ 1687E3

■ FFFF E3

■ 007DE3

# Harmonies

## Analogous

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



8FC8D9



9EC4E3



B6BEE4

# Triad

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



9EC4E3



E7B2B7



AFC6A4

# Complementary

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



9EC4E3



E3BD9E

# 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.



C4C19B



9EC4E3



E3B5A6

# Square

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



9EC4E3



DFB3CA



D7BB9C



9BCAB5

# Rectangle

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



9EC4E3



C6BADE



D7BB9C



B6C5A0



# Sweetspot

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



9EC4E3



E8F5FF



9EE3BC



717980



000000



808080

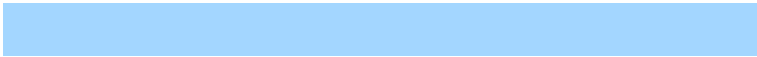


# Same Dimension

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



9EC4E3



A3D6FF



9EA3E3



676E73



0062B3



001C33



# Inverse Universe

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



E39EC4



FFA3D6



E3DE9E



73676E



B30062

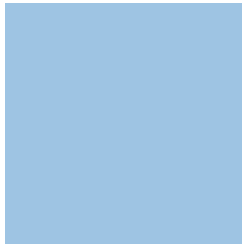


33001C



# Previews

## White Background



This preview shows how the Hex color 9EC4E3 looks on a white background.

## Color Contrast Check

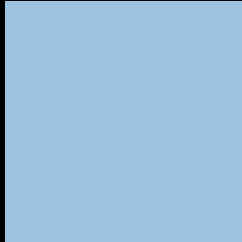
Large Text (above 18pt) WCAG AA × Fail

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 9EC4E3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

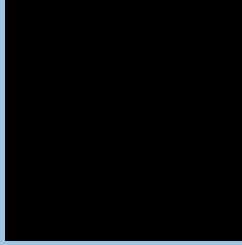
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

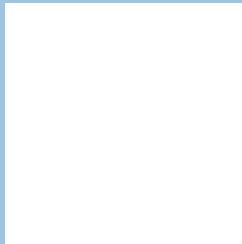
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9EC4E3 Background



This preview shows how black text looks on a background with the Hex color 9EC4E3.

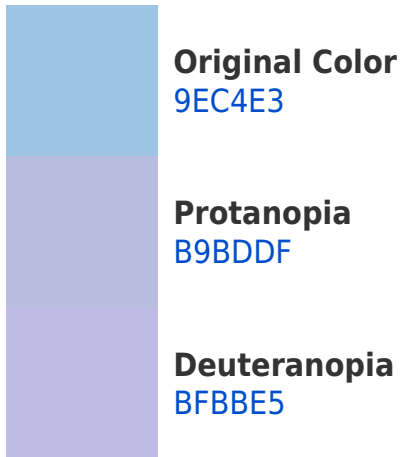


This preview shows how white text looks on a background with the Hex color 9EC4E3.

# 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](#).

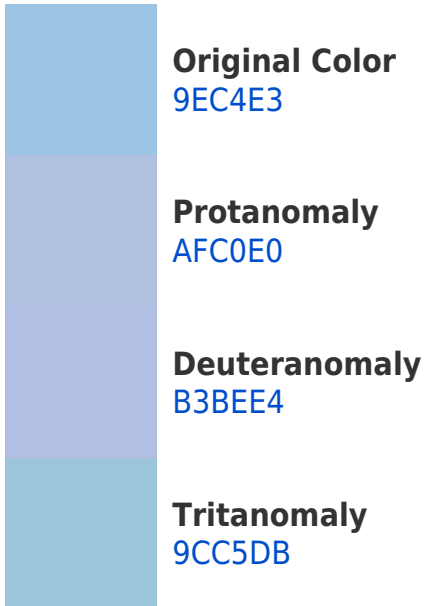
## Dichromacy



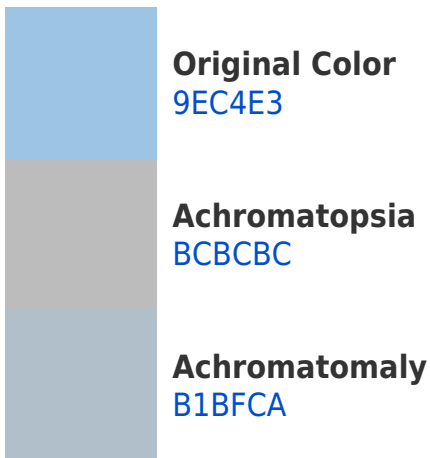


**Tritanopia**  
9BC6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EC4E3 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 #9EC4E3 looks like.

```
.text, #text, p{  
    color:#9EC4E3  
}
```

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 #9EC4E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EC4E3
}
```

## Border

The CSS property to change the border of an element to Hex 9EC4E3 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
#9EC4E3 }
```

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

```
.border{ border-color:#9EC4E3 }
```

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

Here you see how a box with a 4 pixel #9EC4E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EC4E3; -webkit-box-shadow:4px 4px  
4px 4px #9EC4E3; box-shadow:4px 4px 4px  
4px #9EC4E3 }
```

# Background

The CSS property to change the background color of an element to Hex 9EC4E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EC4E3 }
```

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

```
.background{ background-color:#9EC4E3 }
```

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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