

# Converting Colors

Hex(9EAED8)

Have a look what the booklet for  
Hex(9EAED8) contains.

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# **Color**

**Hex(9EAED8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EAED8
RGB	158, 174, 216
RGB Percent	62%, 68%, 85%
CMY	0.3804, 0.3176, 0.1529
CMYK	0.27, 0.19, 0.00, 0.15
HSL	223°, 43%, 73%
HSV	223°, 27%, 85%
XYZ	41.6313, 42.4991, 70.9747
YIQ	174.0040, -23.0180, 9.6700

# Conversions

## Conversions Part 2

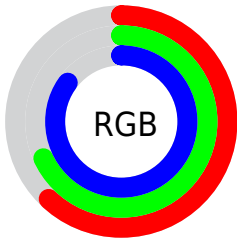
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	158, 171, 216
Decimal	10399448
CIE <sub>Lab</sub>	71.21, 3.80, -23.04
CIE <sub>LCh</sub>	71, 23.354, 279.363
Y <sub>xy</sub>	42.4991, 0.2684, 0.2740
Android (android.graphics.Color)	4288589528 (0xFF9EAED8)
YUV	174.0040, 20.7040, -14.0355
Hunter-Lab	65.1913, -0.0944, -18.9159

# Details

The Hex color **9EAED8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D8C89E**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **D5E5FF**, and **697AA1** is the 20% darker color. If you saturate the color by 10%, you get **889ED8**, and if you desaturate by 10%, it is **B4BED8**.

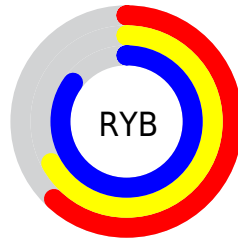
# Distribution



Red (62%)

Green (68%)

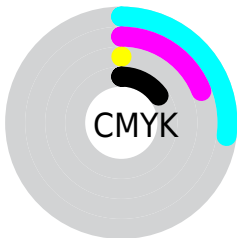
Blue (85%)



Red (62%)

Yellow (67%)

Blue (85%)

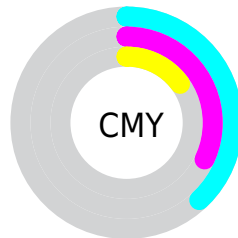


Cyan (27%)

Magenta (19%)

Yellow (0%)

Black (15%)



Cyan (38%)

Magenta (32%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EAED8 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 9EAED8 by changing the saturation by 10% instead.



■ 9EAED8

■ 9EAED8

FFFFFF

■ 8393BC

■ D5E5FF

■ 697AA1

■ F2FFFF

■ 506187

■ 37496D

■ 1E3355

■ 021E3D

■ 000428

■ 000112

■ 000000

 9EAED8

 9EAED8

 889ED8

 B4BED8

 738FD8

 C9CDD8

 5D7FD8

 DFDDD8

 486FD8

 F4EDD8

 3260D8

 FFFCD8

 1C50D8

 FFFF8D8

 0741D8

 003CD8

# Harmonies

## Analogous

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



82B5D6



9EAED8



BAA7CF

# Triad

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



9EAED8



D8A294



88B99F

# Complementary

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



9EAED8



D8C89E

# 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.



A0B58D



9EAED8



CBA887

# Square

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



9EAED8



DA9FA8



B7AF84



76BBB4

# Rectangle

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



9EAED8



C9A3C4



B7AF84



8FB898



# Sweetspot

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



9EAED8



EBF0FF



9ED8C8



737680



000000



808080



# Same Dimension

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



9EAED8



ADC4FF



AB9ED8



60636B



002FAB



000C2B



# Inverse Universe

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



D89EAE



FFADC4



CBD89E



6B6063



AB002F



2B000C



# Previews

## White Background



This preview shows how the Hex color 9EAED8 looks on a white background.

## Color Contrast Check

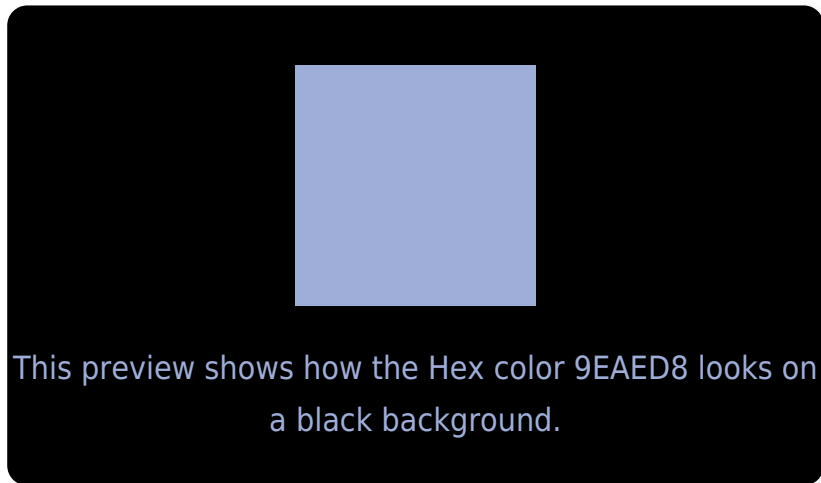
Large Text (above 18pt) WCAG AA × Fail

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

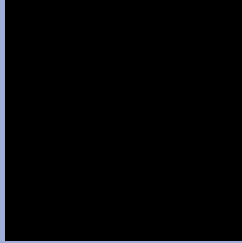
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9EAED8 Background



This preview shows how black text looks on a background with the Hex color 9EAED8.



This preview shows how white text looks on a background with the Hex color 9EAED8.

# 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**  
9EAED8

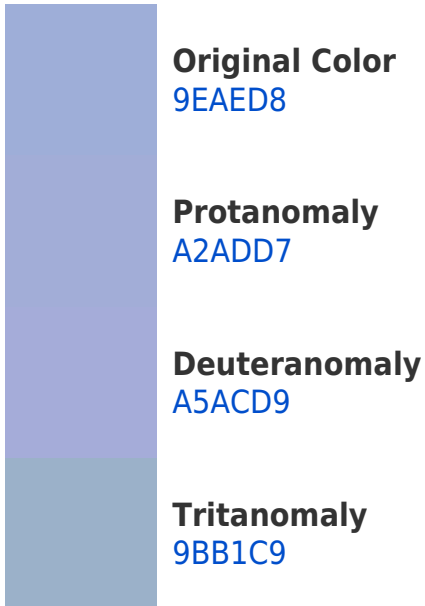
**Protanopia**  
A4ACD7

**Deuteranopia**  
A9ABD9

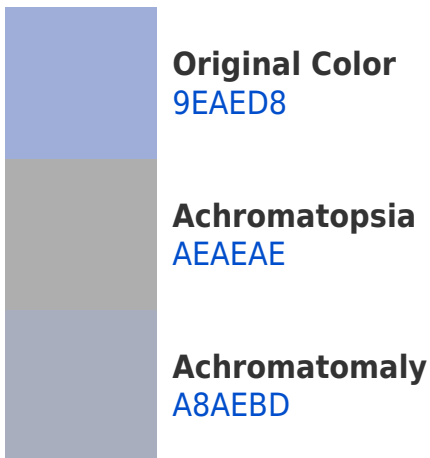


**Tritanopia**  
99B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EAED8 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 #9EAED8 looks like.

```
.text, #text, p{  
    color:#9EAED8  
}
```

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 #9EAED8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EAED8  
}
```

## Border

The CSS property to change the border of an element to Hex 9EAED8 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  
#9EAED8 }
```

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

```
.border{ border-color:#9EAED8 }
```

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

Here you see how a box with a 4 pixel #9EAED8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EAED8; -webkit-box-shadow:4px 4px  
4px 4px #9EAED8; box-shadow:4px 4px 4px  
4px #9EAED8 }
```

# Background

The CSS property to change the background color of an element to Hex 9EAED8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EAED8 }
```

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

```
.background{ background-color:#9EAED8 }
```

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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