

# Converting Colors

Hex(9EB6CD)

Have a look what the booklet for  
Hex(9EB6CD) contains.

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# **Color**

**Hex(9EB6CD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9EB6CD
RGB	158, 182, 205
RGB Percent	62%, 71%, 80%
CMY	0.3804, 0.2863, 0.1961
CMYK	0.23, 0.11, 0.00, 0.20
HSL	209°, 32%, 71%
HSV	209°, 23%, 80%
XYZ	41.8479, 45.1328, 64.2635
YIQ	177.4460, -21.6870, 2.0650

# Conversions

## Conversions Part 2

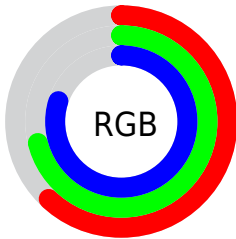
Format	Color
R <sub>Y</sub> B	158, 174, 205
Decimal	10401485
CIE Lab	72.98, -3.15, -14.35
CIE LCh	73, 14.694, 257.608
Yxy	45.1328, 0.2767, 0.2984
Android (android.graphics.Color)	4288591565 (0xFF9EB6CD)
YUV	177.4460, 13.5841, -17.0541
Hunter-Lab	67.1809, -6.3765, -9.6886

# Details

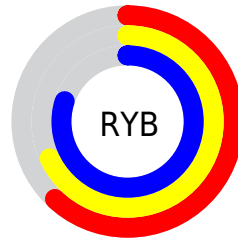
The Hex color **9EB6CD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CDB59E**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **D5EEFF**, and **6A8197** is the 20% darker color. If you saturate the color by 10%, you get **8AACCD**, and if you desaturate by 10%, it is **B3C0CD**.

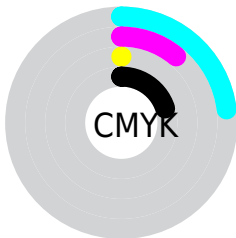
# Distribution



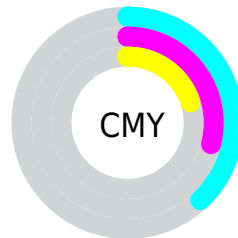
- Red (62%)
- Green (71%)
- Blue (80%)



- Red (62%)
- Yellow (68%)
- Blue (80%)



- Cyan (23%)
- Magenta (11%)
- Yellow (0%)
- Black (20%)



- Cyan (38%)
- Magenta (29%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EB6CD 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 9EB6CD by changing the saturation by 10% instead.



■ 9EB6CD

■ 9EB6CD

FFFFFF

■ 839BB2

■ D5EEFF

■ 6A8197

■ F2FFFF

■ 51687D

■ 395064

■ 21394C

■ 082435

■ 000E20

■ 000005

■ 000000

 9EB6CD

 9EB6CD

 8AACCD

 B3C0CD

 75A2CD

 C7CACD

 6198CD

 DCD4CD

 4C8ECD

 F0DECD

 3784CD

 FFE8CD

 237ACD

 FFF2CD

 0E70CD

 FFFCCD

 0069CD

 FFFFCD

# Harmonies

## Analogous

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



93B9C6



9EB6CD



AFB2CD

# Triad

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



9EB6CD



D0AAAC



A6B8A1

# Complementary

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



9EB6CD



CDB59E

# 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.



B5B599



9EB6CD



CDACA0

# Square

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



9EB6CD



CBAAB9



C3B099



98BBAD

# Rectangle

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



9EB6CD



BAAFC8



C3B099



ABB79E



# Sweetspot

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



9EB6CD



EDF6FF



9ECDB5



757B80



000000



808080

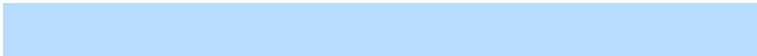


# Same Dimension

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



9EB6CD



B8DCFF



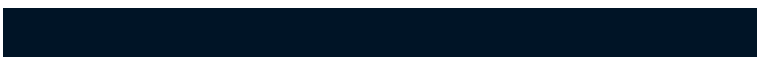
9E9FCD



5C6166



0055A6



001426



# Inverse Universe

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



CD9EB6



FFB8DC



CDCC9E



665C61



A60055

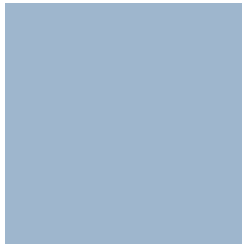


260014



# Previews

## White Background



This preview shows how the Hex color 9EB6CD looks on a white background.

## Color Contrast Check

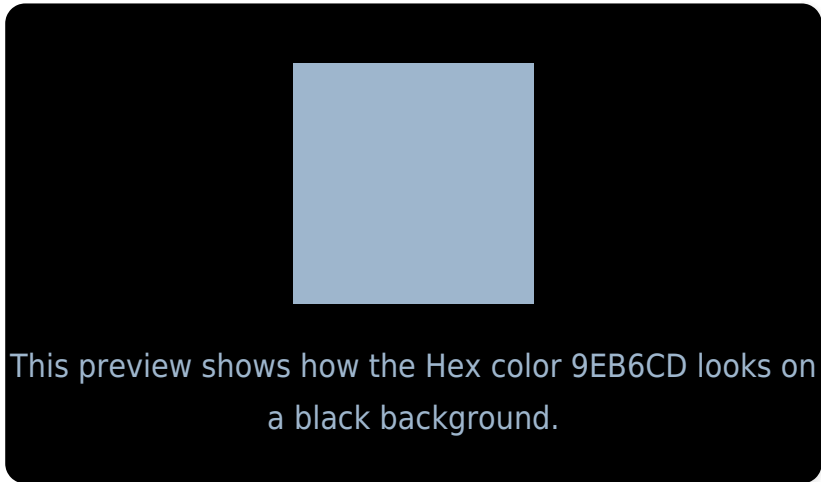
Large Text (above 18pt) WCAG AA × Fail

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

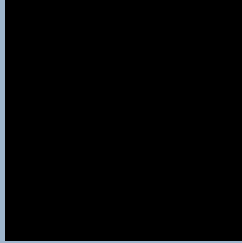
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

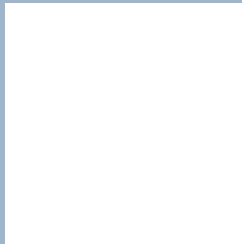
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9EB6CD Background



This preview shows how black text looks on a background with the Hex color 9EB6CD.



This preview shows how white text looks on a background with the Hex color 9EB6CD.

# 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](#).

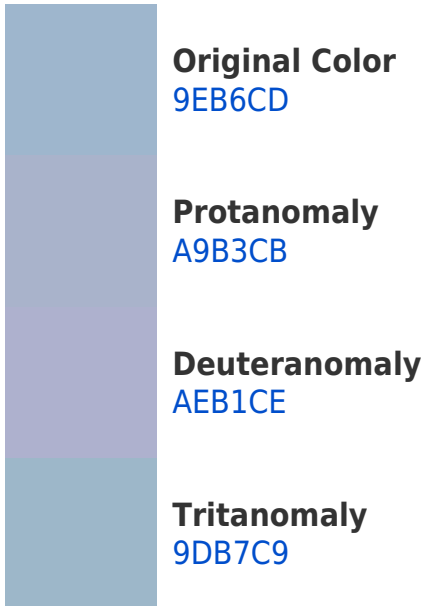
## Dichromacy



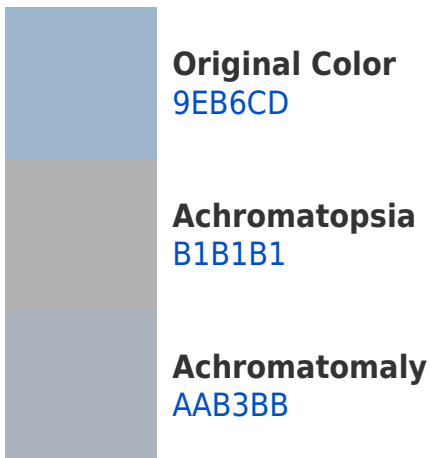


**Tritanopia**  
9DB7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EB6CD 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 #9EB6CD looks like.

```
.text, #text, p{  
    color:#9EB6CD  
}
```

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 #9EB6CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EB6CD
}
```

## Border

The CSS property to change the border of an element to Hex 9EB6CD 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
#9EB6CD }
```

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

```
.border{ border-color:#9EB6CD }
```

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

Here you see how a box with a 4 pixel #9EB6CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EB6CD; -webkit-box-shadow:4px 4px  
4px 4px #9EB6CD; box-shadow:4px 4px 4px  
4px #9EB6CD }
```

# Background

The CSS property to change the background color of an element to Hex 9EB6CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EB6CD }
```

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

```
.background{ background-color:#9EB6CD }
```

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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