

# Converting Colors

Hex(9EA0C6)

Have a look what the booklet for  
Hex(9EA0C6) contains.

<b>Hex(9EA0C6)</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(9EA0C6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EA0C6
RGB	158, 160, 198
RGB Percent	62%, 63%, 78%
CMY	0.3804, 0.3725, 0.2235
CMYK	0.20, 0.19, 0.00, 0.22
HSL	237°, 26%, 70%
HSV	237°, 20%, 78%
XYZ	36.8644, 36.4879, 58.5260
YIQ	163.7340, -13.3900, 11.3940

# Conversions

## Conversions Part 2

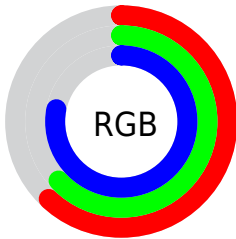
Format	Color
<a href="#">RYB</a>	<a href="#">158, 160, 198</a>
Decimal	<a href="#">10395846</a>
CIELab	<a href="#">66.89, 7.35, -19.70</a>
CIElCh	<a href="#">67, 21.024, 290.454</a>
Yxy	<a href="#">36.4879, 0.2795, 0.2767</a>
Android (android.graphics.Color)	<a href="#">4288585926 (0xFF9EA0C6)</a>
YUV	<a href="#">163.7340, 16.8931, -5.0287</a>
Hunter-Lab	<a href="#">60.4052, 3.2267, -15.1618</a>

# Details

The Hex color **9EA0C6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C6C49E**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **D5D7FF**, and **6A6D90** is the 20% darker color. If you saturate the color by 10%, you get **8A8DC6**, and if you desaturate by 10%, it is **B2B3C6**.

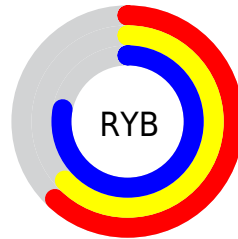
# Distribution



Red (62%)

Green (63%)

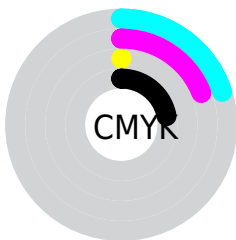
Blue (78%)



Red (62%)

Yellow (63%)

Blue (78%)

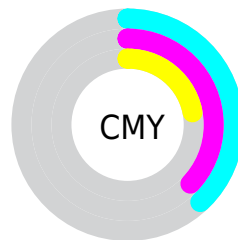


Cyan (20%)

Magenta (19%)

Yellow (0%)

Black (22%)



Cyan (38%)

Magenta (37%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EA0C6 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 9EA0C6 by changing the saturation by 10% instead.



■ 9EA0C6

■ 9EA0C6

FFFFFF

■ 8486AB

■ D5D7FF

■ 6A6D90

■ F2F3FF

■ 515476

■ 393D5E

■ 222846

■ 0C132F

■ 00011A

■ 000000

■ 9EA0C6

■ 9EA0C6

 8A8DC6

 B2B3C6

 767AC6

 C6C6C6

 6368C6

 D9D8C6

 4F55C6


 EDEBC6

 3B42C6

 FFFEC6

 272FC6

 FFFFC6

 131CC6

 000AC6

# Harmonies

## Analogous

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



85A6C8



9EA0C6



B59ABB

# Triad

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



9EA0C6



C59986



7AAD9C

# Complementary

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



9EA0C6



C6C49E

# 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.



8EAA8A



9EA0C6



B79F7E

# Square

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



9EA0C6



CA9696



A3A67F



6EADAF

# Rectangle

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



9EA0C6



C197B0



A3A67F



80AD96



# Sweetspot

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



9EA0C6



F0F0FF



9EC6C4



777780



000000



808080



# Same Dimension

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



9EA0C6



C2C5FF



B09EC6



5A5A63



0008A3



000224



# Inverse Universe

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



C69EA0



FFC2C5



B4C69E



635A5A



A30008

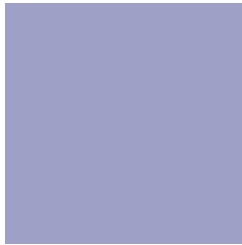


240002



# Previews

## White Background



This preview shows how the Hex color 9EA0C6 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

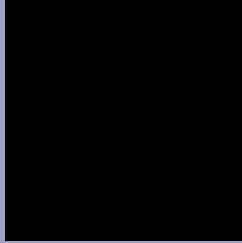
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9EA0C6 Background



This preview shows how black text looks on a background with the Hex color 9EA0C6.



This preview shows how white text looks on a background with the Hex color 9EA0C6.

# 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**  
9EA0C6

**Protanopia**  
9AA1C7

**Deuteranopia**  
A19FC6



**Tritanopia**  
9AA4B1

# Trichromacy



**Original Color**  
9EA0C6

**Protanomaly**  
9BA1C7

**Deuteranomaly**  
A09FC6

**Tritanomaly**  
9BA3B9

# Monochromacy



**Original Color**  
9EA0C6

**Achromatopsia**  
A4A4A4

**Achromatomaly**  
A2A3B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EA0C6 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 #9EA0C6 looks like.

```
.text, #text, p{  
    color:#9EA0C6  
}
```

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 #9EA0C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EA0C6
}
```

## Border

The CSS property to change the border of an element to Hex 9EA0C6 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
#9EA0C6 }
```

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

```
.border{ border-color:#9EA0C6 }
```

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

Here you see how a box with a 4 pixel #9EA0C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EA0C6; -webkit-box-shadow:4px 4px  
4px 4px #9EA0C6; box-shadow:4px 4px 4px  
4px #9EA0C6 }
```

# Background

The CSS property to change the background color of an element to Hex 9EA0C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EA0C6 }
```

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

```
.background{ background-color:#9EA0C6 }
```

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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