

# Converting Colors

Hex(8C9AA5)

Have a look what the booklet for  
Hex(8C9AA5) contains.

<b>Hex(8C9AA5)</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(8C9AA5)**

# Conversions

Conversions Part 1	
Format	Color
Hex	8C9AA5
RGB	140, 154, 165
RGB Percent	55%, 60%, 65%
CMY	0.4510, 0.3961, 0.3529
CMYK	0.15, 0.07, 0.00, 0.35
HSL	206°, 12%, 60%
HSV	206°, 15%, 65%
XYZ	29.1623, 31.4033, 40.1217
YIQ	151.0680, -11.8750, 0.4530

# Conversions

## Conversions Part 2

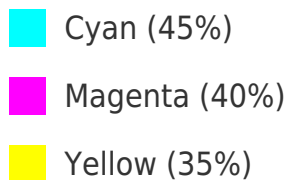
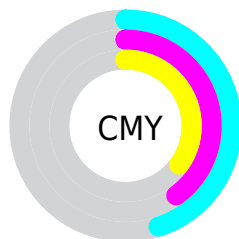
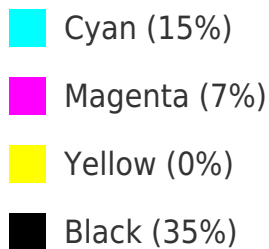
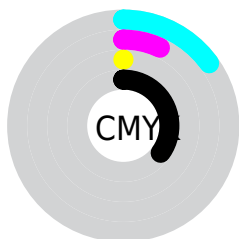
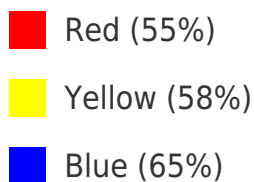
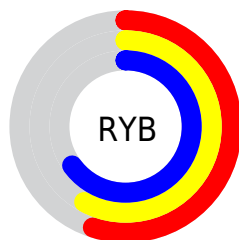
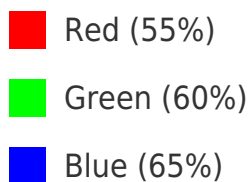
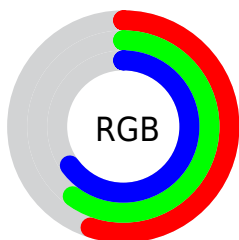
Format	Color
<a href="#">RYB</a>	<a href="#">140, 149, 165</a>
Decimal	<a href="#">9214629</a>
CIELab	<a href="#">62.85, -2.62, -7.44</a>
CIELCh	<a href="#">63, 7.891, 250.593</a>
Yxy	<a href="#">31.4033, 0.2896, 0.3119</a>
Android (android.graphics.Color)	<a href="#">4287404709</a> (0xFF8C9AA5)
YUV	<a href="#">151.0680, 6.8685, -9.7066</a>
Hunter-Lab	<a href="#">56.0386, -5.1766, -3.2226</a>

# Details

The Hex color **8C9AA5** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A5978C**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **C2D0DC**, and **5A6771** is the 20% darker color. If you saturate the color by 10%, you get **7B93A5**, and if you desaturate by 10%, it is **9CA1A5**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 8C9AA5 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 8C9AA5 by changing the saturation by 10% instead.



 8C9AA5

 8C9AA5

FFFFFF

 72808B

 C2D0DC

 5A6771

 DEEDF8

 424F59

 FAFFFF

 2B3841

 16232B

 000D17

 000000

 8C9AA5

 8C9AA5

 7B93A5

 9CA1A5

 6B8BA5

 ADA9A5

 5B84A5

 BDB0A5

 4A7DA5

 CEB7A5

 3976A5

 DFBEA5

 296EA5

 EFC6A5

 1867A5

 FFCD A5

 0860A5

 FFD4A5

 005CA5

 FFDBA5

# Harmonies

## Analogous

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



879CA1



8C9AA5



9498A6

# Triad

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



8C9AA5



A79396



939A8D

# Complementary

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



8C9AA5



A5978C

# 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.



9B988A



8C9AA5



A7948F

# Square

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



8C9AA5



A4949D



A2968B



8C9C93

# Rectangle

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



8C9AA5



9A96A4



A2968B



969A8C



# Sweetspot

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



8C9AA5



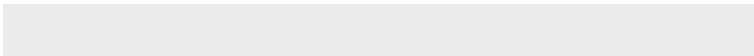
CBD1D6



8CA597



65686B



EBEBEB



6B6B6B



# Same Dimension

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



8C9AA5



B0C5D6



8C8EA5



494E52



005191



000A12



# Inverse Universe

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



A58C9A



D6B0C5



A5A38C



52494E



910051

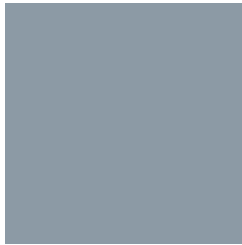


12000A



# Previews

## White Background



This preview shows how the Hex color 8C9AA5 looks on a white background.

## Color Contrast Check

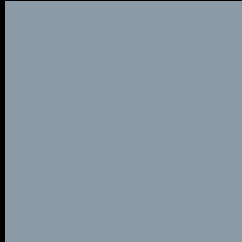
Large Text (above 18pt) WCAG AA × Fail

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 8C9AA5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

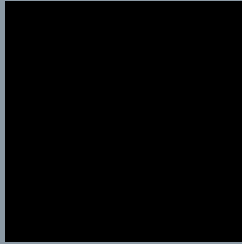
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

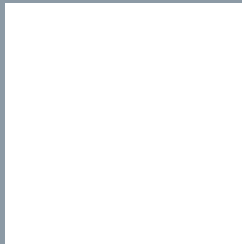
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8C9AA5 Background



This preview shows how black text looks on a background with the Hex color 8C9AA5.



This preview shows how white text looks on a background with the Hex color 8C9AA5.

# 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**  
8C9AA5

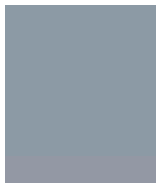



**Protanopia**  
9797A3

**Deuteranopia**  
A094A6






**Tritanopia**  
8C9AA6

# Trichromacy

	<b>Original Color</b> 8C9AA5
	<b>Protanomaly</b> 9398A4
	<b>Deuteranomaly</b> 9996A6
	<b>Tritanomaly</b> 8C9AA6

# Monochromacy

	<b>Original Color</b> 8C9AA5
	<b>Achromatopsia</b> 979797
	<b>Achromatomaly</b> 93989C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C9AA5 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 #8C9AA5 looks like.

```
.text, #text, p{  
    color:#8C9AA5  
}
```

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 #8C9AA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C9AA5
}
```

## Border

The CSS property to change the border of an element to Hex 8C9AA5 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
#8C9AA5 }
```

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

```
.border{ border-color:#8C9AA5 }
```

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

Here you see how a box with a 4 pixel #8C9AA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C9AA5; -webkit-box-shadow:4px 4px  
4px 4px #8C9AA5; box-shadow:4px 4px 4px  
4px #8C9AA5 }
```

# Background

The CSS property to change the background color of an element to Hex 8C9AA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C9AA5 }
```

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

```
.background{ background-color:#8C9AA5 }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor