

# Converting Colors

Hex(9683A5)

Have a look what the booklet for  
Hex(9683A5) contains.

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# **Color**

**Hex(9683A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9683A5
RGB	150, 131, 165
RGB Percent	59%, 51%, 65%
CMY	0.4118, 0.4863, 0.3529
CMYK	0.09, 0.21, 0.00, 0.35
HSL	274°, 16%, 58%
HSV	274°, 21%, 65%
XYZ	27.4855, 25.4332, 39.0578
YIQ	140.5570, 0.4100, 14.6020

# Conversions

## Conversions Part 2

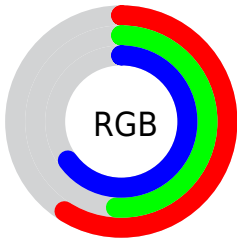
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 131, 165
Decimal	9864101
CIE <sub>Lab</sub>	57.50, 13.85, -15.39
CIE <sub>LCh</sub>	57, 20.707, 311.991
Yxy	25.4332, 0.2988, 0.2765
Android (android.graphics.Color)	4288054181 (0xFF9683A5)
YUV	140.5570, 12.0504, 8.2815
Hunter-Lab	50.4314, 9.0290, -10.6166

# Details

The Hex color **9683A5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **92A583**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **CCB8DC**, and **635271** is the 20% darker color. If you saturate the color by 10%, you get **8F72A5**, and if you desaturate by 10%, it is **9D93A5**.

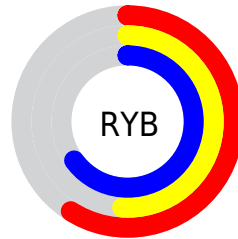
# Distribution



Red (59%)

Green (51%)

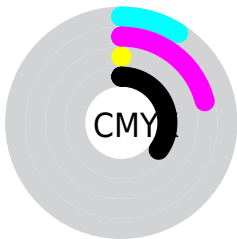
Blue (65%)



Red (59%)

Yellow (51%)

Blue (65%)

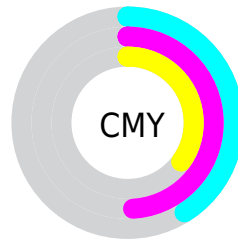


Cyan (9%)

Magenta (21%)

Yellow (0%)

Black (35%)



Cyan (41%)

Magenta (49%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9683A5 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 9683A5 by changing the saturation by 10% instead.





9683A5



9683A5

FFFFFF



7C6A8B



CCB8DC



635271



E9D4F9



4B3A59



FFF0FF



342541



1E102B



000016



000000



9683A5



9683A5



8F72A5



9D93A5

8762A5

A5A4A5

8051A5

ACB4A5

7941A5

B3C5A5

7230A5

BAD5A5

6A20A5

C2E6A5

630FA5

C9F6A5

5C00A5

D0FFA5

D8FFA5

# Harmonies

## Analogous

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



7E89AD



9683A5



A77E96

# Triad

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



9683A5



A18568



599491

# Complementary

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



9683A5



92A583

# 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.



67937E



9683A5



908B67

# Square

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



9683A5



AC8073



7C906F



5793A2

# Rectangle

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



9683A5



AD7D89



7C906F



5D948B



# Sweetspot

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



9683A5



D1C9D6



8392A5



68646B



EBEBEB



6B6B6B



# Same Dimension

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



9683A5



BFA1D6



A583A3



4E4952



510091



0A0012



# Inverse Universe

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



A58392



D6A1B8



83A585



52494D



910040

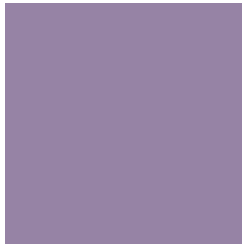


120008



# Previews

## White Background



This preview shows how the Hex color 9683A5 looks on a white background.

## Color Contrast Check

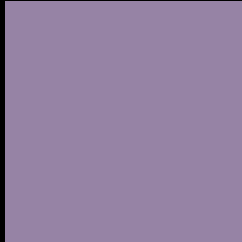
Large Text (above 18pt) WCAG AA ✓ Pass

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 9683A5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

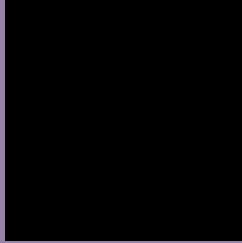
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9683A5 Background



This preview shows how black text looks on a background with the Hex color 9683A5.

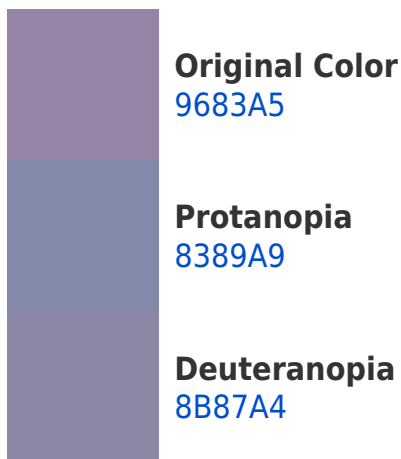


This preview shows how white text looks on a background with the Hex color 9683A5.

# 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**  
938791

# Trichromacy



**Original Color**  
9683A5

**Protanomaly**  
8A87A8

**Deuteranomaly**  
8F86A4

**Tritanomaly**  
948698

# Monochromacy



**Original Color**  
9683A5

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
908996

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9683A5 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 #9683A5 looks like.

```
.text, #text, p{  
    color:#9683A5  
}
```

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 #9683A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9683A5
}
```

## Border

The CSS property to change the border of an element to Hex 9683A5 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
#9683A5 }
```

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

```
.border{ border-color:#9683A5 }
```

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

Here you see how a box with a 4 pixel #9683A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9683A5; -webkit-box-shadow:4px 4px  
4px 4px #9683A5; box-shadow:4px 4px 4px  
4px #9683A5 }
```

# Background

The CSS property to change the background color of an element to Hex 9683A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9683A5 }
```

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

```
.background{ background-color:#9683A5 }
```

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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