

# Converting Colors

Hex(8995C3)

Have a look what the booklet for  
Hex(8995C3) contains.

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# **Color**

**Hex(8995C3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8995C3
RGB	137, 149, 195
RGB Percent	54%, 58%, 76%
CMY	0.4627, 0.4157, 0.2353
CMYK	0.30, 0.24, 0.00, 0.24
HSL	228°, 33%, 65%
HSV	228°, 30%, 76%
XYZ	30.9143, 30.7534, 55.9364
YIQ	150.6560, -21.9180, 11.7620

# Conversions

## Conversions Part 2

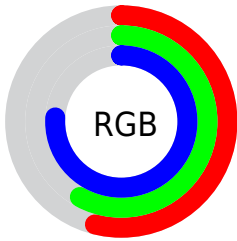
Format	Color
R <sub>Y</sub> B	137, 147, 195
Decimal	9016771
CIE Lab	62.30, 6.36, -25.18
CIE LCh	62, 25.973, 284.177
Yxy	30.7534, 0.2629, 0.2615
Android (android.graphics.Color)	4287206851 (0xFF8995C3)
YUV	150.6560, 21.8616, -11.9763
Hunter-Lab	55.4557, 2.4589, -20.9849

# Details

The Hex color **8995C3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C3B789**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **BFCBFC**, and **55628D** is the 20% darker color. If you saturate the color by 10%, you get **7586C3**, and if you desaturate by 10%, it is **9DA4C3**.

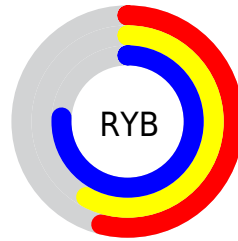
# Distribution



Red (54%)

Green (58%)

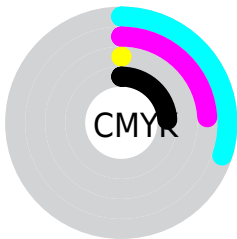
Blue (76%)



Red (54%)

Yellow (58%)

Blue (76%)

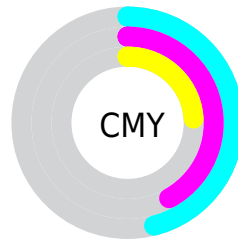


Cyan (30%)

Magenta (24%)

Yellow (0%)

Black (24%)



Cyan (46%)

Magenta (42%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8995C3 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 8995C3 by changing the saturation by 10% instead.





8995C3



8995C3

FFFFFF



6F7BA8



BFCBFC



55628D



DCE7FF



3C4B73



F9FFFF



24345B



081F43



00062D



000117



000000



8995C3



8995C3

7586C3

9DA4C3

6276C3

B0B4C3

4F67C3

C3C3C3

3B57C3

D7D3C3

2748C3

EAE2C3

1438C3

FEF2C3

0029C3

FFFFC3

0028C3

# Harmonies

## Analogous

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



689CC2



8995C3



A88DB8

# Triad

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



8995C3



C18A78



68A389

# Complementary

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



8995C3



C3B789

# 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.



829F75



8995C3



B2916B

# Square

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



8995C3



C5868C



9C996A



53A3A1

# Rectangle

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



8995C3



B789AB



9C996A



70A282



# Sweetspot

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



8995C3



E6EAF3



89C3B6



717480



000000



808080



# Same Dimension

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



8995C3



A2B4FC



9989C3



575961



0021A1



000721



# Inverse Universe

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



C38995



FCA2B4



B3C389



615759



A10021

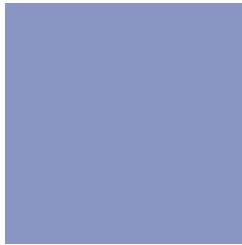


210007



# Previews

## White Background



This preview shows how the Hex color 8995C3 looks on a white background.

## Color Contrast Check

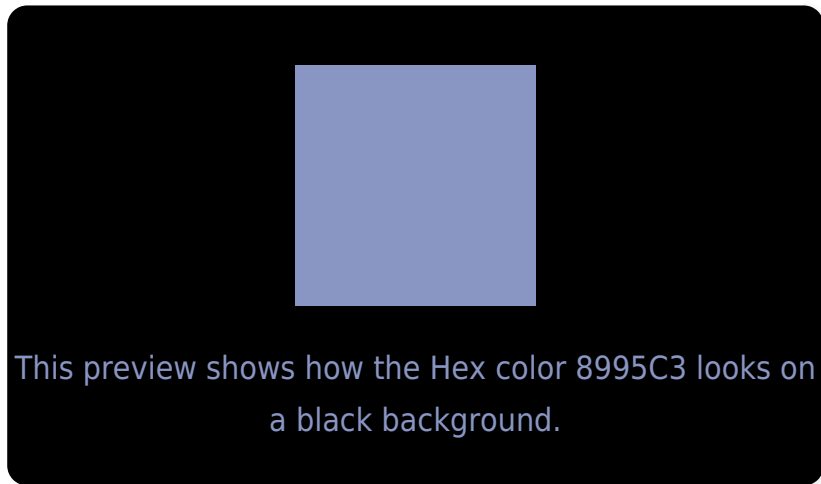
Large Text (above 18pt) WCAG AA × Fail

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

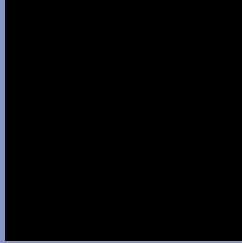
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8995C3 Background



This preview shows how black text looks on a background with the Hex color 8995C3.



This preview shows how white text looks on a background with the Hex color 8995C3.

# 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**  
8995C3

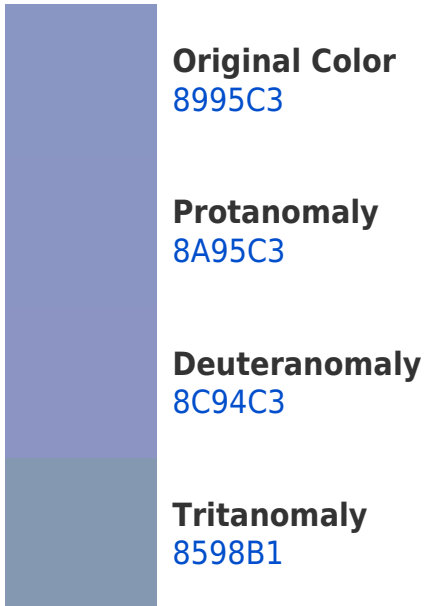
**Protanopia**  
8A95C3

**Deuteranopia**  
8D94C3

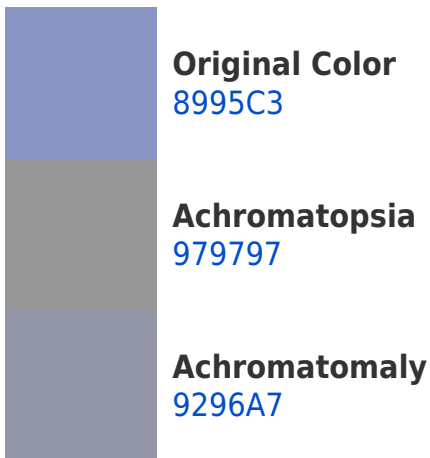


**Tritanopia**  
839AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8995C3 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 #8995C3 looks like.

```
.text, #text, p{  
    color:#8995C3  
}
```

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 #8995C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8995C3
}
```

## Border

The CSS property to change the border of an element to Hex 8995C3 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
#8995C3 }
```

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

```
.border{ border-color:#8995C3 }
```

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

Here you see how a box with a 4 pixel #8995C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8995C3; -webkit-box-shadow:4px 4px  
4px 4px #8995C3; box-shadow:4px 4px 4px  
4px #8995C3 }
```

# Background

The CSS property to change the background color of an element to Hex 8995C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8995C3 }
```

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

```
.background{ background-color:#8995C3 }
```

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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