

# Converting Colors

Hex(89A0C5)

Have a look what the booklet for  
Hex(89A0C5) contains.

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# **Color**

**Hex(89A0C5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89A0C5
RGB	137, 160, 197
RGB Percent	54%, 63%, 77%
CMY	0.4627, 0.3725, 0.2275
CMYK	0.30, 0.19, 0.00, 0.23
HSL	217°, 34%, 65%
HSV	217°, 30%, 77%
XYZ	32.9654, 34.4912, 57.7433
YIQ	157.3410, -25.5850, 6.6310

# Conversions

## Conversions Part 2

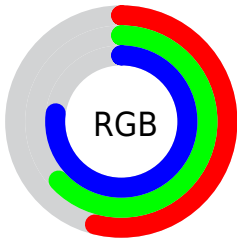
Format	Color
<a href="#">RYB</a>	<a href="#">137, 154, 197</a>
Decimal	<a href="#">9019589</a>
CIELab	<a href="#">65.35, 0.65, -21.63</a>
CIElCh	<a href="#">65, 21.637, 271.720</a>
Yxy	<a href="#">34.4912, 0.2633, 0.2755</a>
Android (android.graphics.Color)	<a href="#">4287209669</a> ( <a href="#">0xFF89A0C5</a> )
YUV	<a href="#">157.3410, 19.5519, -17.8391</a>
Hunter-Lab	<a href="#">58.7292, -2.5820, -17.1843</a>

# Details

The Hex color **89A0C5** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C5AE89**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **C0D7FE**, and **556D8F** is the 20% darker color. If you saturate the color by 10%, you get **7594C5**, and if you desaturate by 10%, it is **9DACC5**.

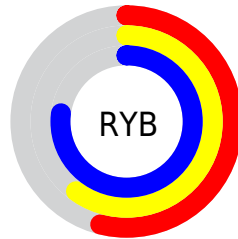
# Distribution



Red (54%)

Green (63%)

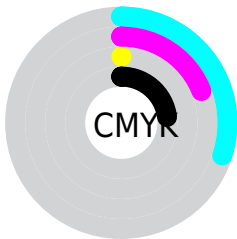
Blue (77%)



Red (54%)

Yellow (60%)

Blue (77%)

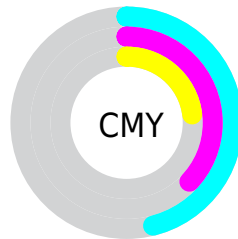


Cyan (30%)

Magenta (19%)

Yellow (0%)

Black (23%)



Cyan (46%)

Magenta (37%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89A0C5 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 89A0C5 by changing the saturation by 10% instead.



■ 89A0C5

■ 89A0C5

FFFFFF

■ 6F86AA

■ C0D7FE

■ 556D8F

■ DCF3FF

■ 3C5475

■ F9FFFF

■ 233D5D

■ 062845

■ 00132E

■ 00011A

■ 000000

■ 89A0C5

■ 89A0C5

7594C5

9DAC5

6288C5

B0B8C5

4E7CC5

C4C4C5

3A6FC5

D8D1C5

2763C5

ECDDC5

1357C5

FFE9C5

004CC5

FFF5C5

FFFC5

# Harmonies

## Analogous

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



72A6C0



89A0C5



A399C0

# Triad

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



89A0C5



C6928B



81A88C

# Complementary

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



89A0C5



C5AE89

# 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.



97A47D



89A0C5



BD977D

# Square

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



89A0C5



C5919E



AC9E78



6FAA9F

# Rectangle

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



89A0C5



B295B7



AC9E78



88A786

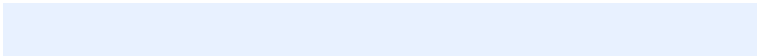


# Sweetspot

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



89A0C5



E8F1FF



89C5AE



717780



000000



808080



# Same Dimension

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



89A0C5



A1C5FF



9089C5



5A5D63



003FA3



000E24



# Inverse Universe

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



C589A0



FFA1C5



BEC589



635A5D



A3003F

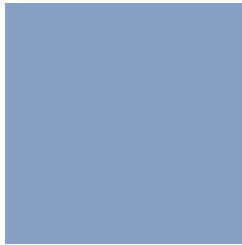


24000E



# Previews

## White Background



This preview shows how the Hex color 89A0C5 looks on a white background.

## Color Contrast Check

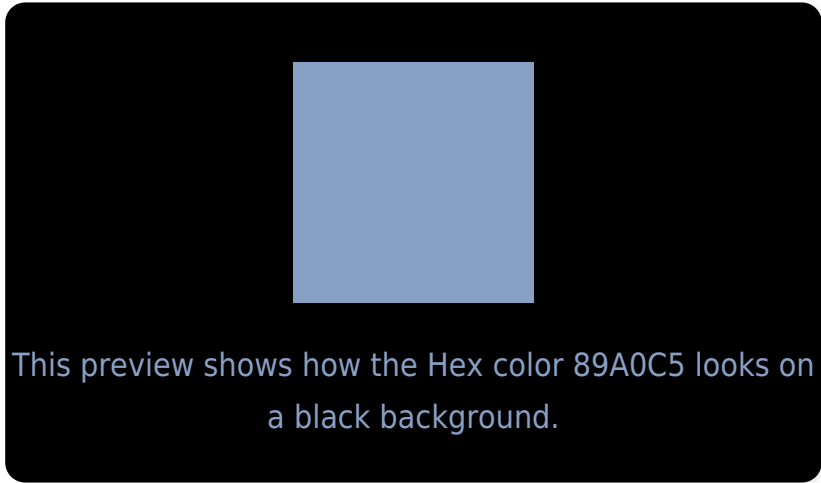
Large Text (above 18pt) WCAG AA × Fail

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

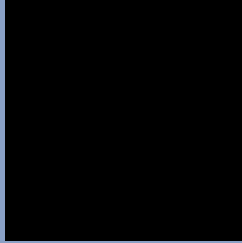
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

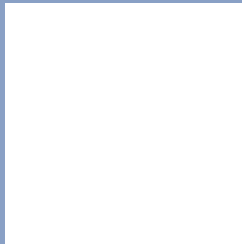
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 89A0C5 Background



This preview shows how black text looks on a background with the Hex color 89A0C5.

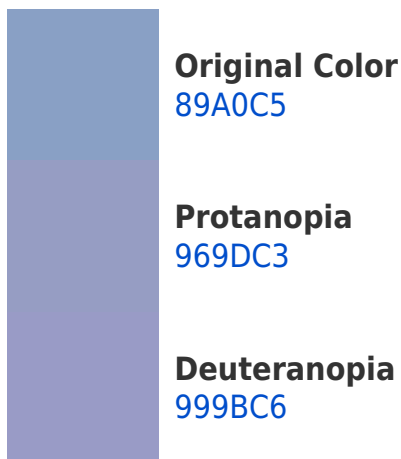


This preview shows how white text looks on a background with the Hex color 89A0C5.

# 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](#).

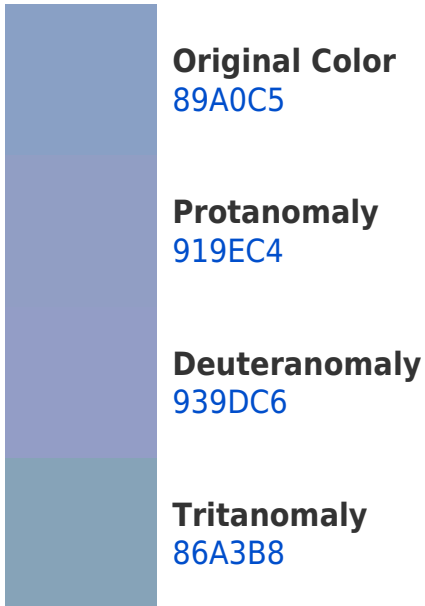
## Dichromacy



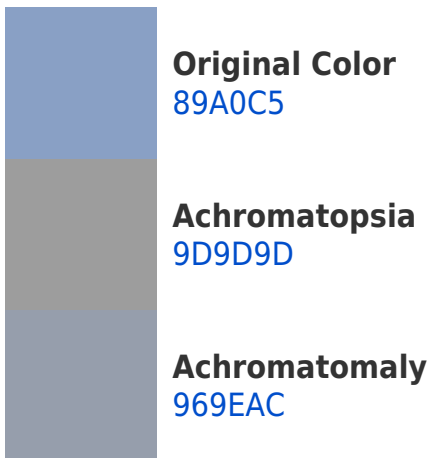


**Tritanopia**  
85A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89A0C5 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 #89A0C5 looks like.

```
.text, #text, p{  
    color:#89A0C5  
}
```

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 #89A0C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89A0C5
}
```

## Border

The CSS property to change the border of an element to Hex 89A0C5 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
#89A0C5 }
```

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

```
.border{ border-color:#89A0C5 }
```

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

Here you see how a box with a 4 pixel #89A0C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89A0C5; -webkit-box-shadow:4px 4px  
4px 4px #89A0C5; box-shadow:4px 4px 4px  
4px #89A0C5 }
```

# Background

The CSS property to change the background color of an element to Hex 89A0C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89A0C5 }
```

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

```
.background{ background-color:#89A0C5 }
```

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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