

# Converting Colors

Hex(8DA5C6)

Have a look what the booklet for  
Hex(8DA5C6) contains.

|  |    |
|--|----|
| <b>Hex(8DA5C6)</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(8DA5C6)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 8DA5C6                     |
| RGB           | 141, 165, 198              |
| RGB Percent   | 55%, 65%, 78%              |
| CMY           | 0.4471, 0.3529, 0.2235     |
| CMYK          | 0.29, 0.17, 0.00, 0.22     |
| HSL           | 215°, 33%, 66%             |
| HSV           | 215°, 29%, 78%             |
| XYZ           | 34.6327, 36.6502, 58.6749  |
| YIQ           | 161.5860, -24.8970, 5.1750 |

# Conversions

## Conversions Part 2

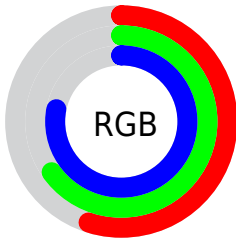
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>YB</sub>                     | 141, 158, 198                  |
| Decimal                             | 9283014                        |
| CIE <sub>Lab</sub>                  | 67.01, -0.69, -19.63           |
| CIE <sub>LCh</sub>                  | 67, 19.638, 267.975            |
| Yxy                                 | 36.6502, 0.2665,<br>0.2820     |
| Android<br>(android.graphics.Color) | 4287473094<br>(0xFF8DA5C6)     |
| YUV                                 | 161.5860, 17.9521,<br>-18.0539 |
| Hunter-Lab                          | 60.5394, -3.8298,<br>-15.0864  |

# Details

The Hex color **8DA5C6** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C6AE8D**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **C4DCFF**, and **597190** is the 20% darker color. If you saturate the color by 10%, you get **799AC6**, and if you desaturate by 10%, it is **A1B0C6**.

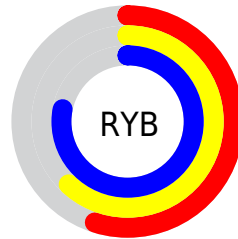
# Distribution



Red (55%)

Green (65%)

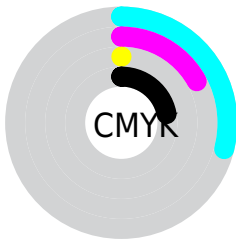
Blue (78%)



Red (55%)

Yellow (62%)

Blue (78%)

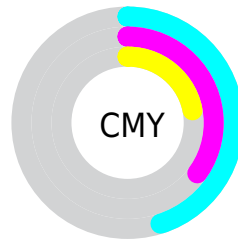


Cyan (29%)

Magenta (17%)

Yellow (0%)

Black (22%)



Cyan (45%)

Magenta (35%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DA5C6 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 8DA5C6 by changing the saturation by 10% instead.



■ 8DA5C6

■ 8DA5C6

FFFFFF

■ 738BAB

■ C4DCFF

■ 597190

■ E0F8FF

■ 405976

FDFFFF

■ 28425E

■ 0D2C46

■ 00172F

■ 00011B

■ 000000

■ 8DA5C6

■ 8DA5C6

■ 799AC6

■ A1B0C6

■ 658EC6

■ B5BCC6

■ 5283C6

■ C8C7C6

■ 3E77C6

■ DCD3C6

■ 2A6CC6

■ F0DEC6

■ 1660C6

■ FFEAC6

■ 0255C6

■ FFF5C6

■ 0053C6

■ FFFFC6

# Harmonies

## Analogous

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



7AAAC0



8DA5C6



A59FC2

# Triad

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



8DA5C6



C89893



8BAB90

# Complementary

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



8DA5C6



C6AE8D

# 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.



9FA784



8DA5C6



C09C86

# Square

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



8DA5C6



C597A5



B2A180



7AADA1

# Rectangle

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



8DA5C6



B39BBB



B2A180



91AA8B

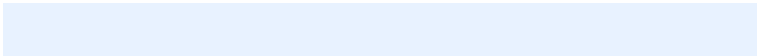


# Sweetspot

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



8DA5C6



E8F2FF



8DC6AD



717780



000000



808080



# Same Dimension

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



8DA5C6



A6CBFF



918DC6



5A5E63



0045A3



000F24



# Inverse Universe

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



C68DA5



FFA6CB



C2C68D



635A5E



A30045

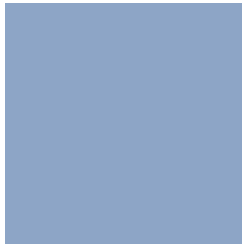


24000F



# Previews

## White Background



This preview shows how the Hex color 8DA5C6 looks on a white background.

## Color Contrast Check

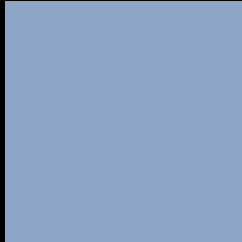
Large Text (above 18pt) WCAG AA × Fail

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 8DA5C6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

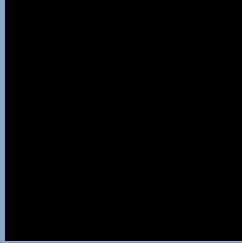
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

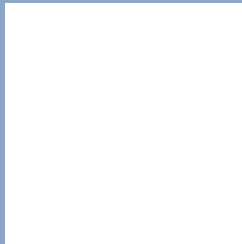
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8DA5C6 Background



This preview shows how black text looks on a background with the Hex color 8DA5C6.

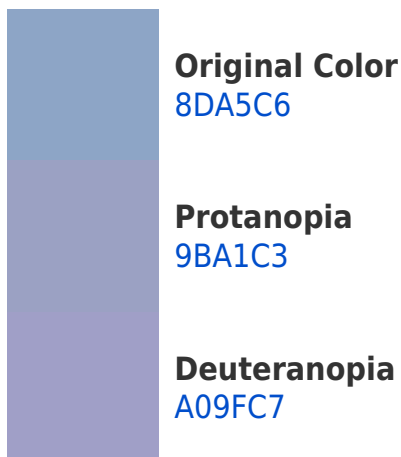


This preview shows how white text looks on a background with the Hex color 8DA5C6.

# 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](#).

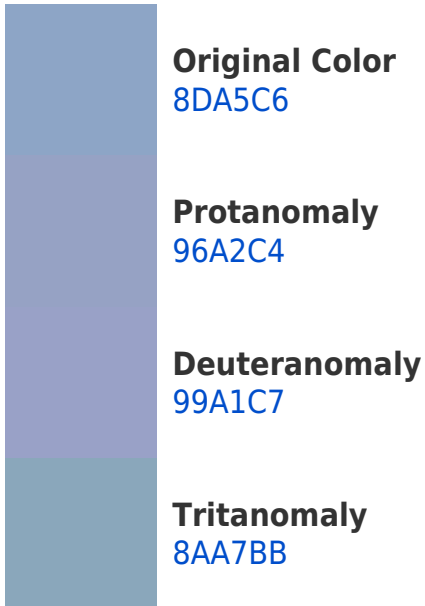
## Dichromacy



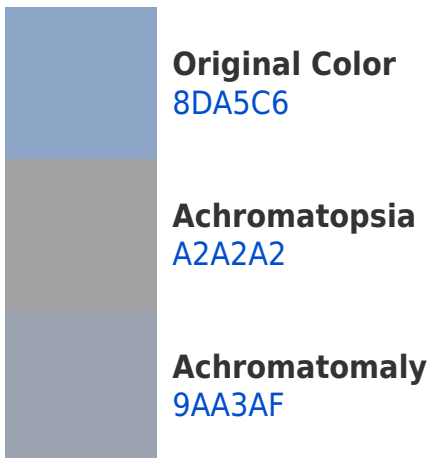


**Tritanopia**  
89A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DA5C6 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 #8DA5C6 looks like.

```
.text, #text, p{  
    color:#8DA5C6  
}
```

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 #8DA5C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DA5C6
}
```

## Border

The CSS property to change the border of an element to Hex 8DA5C6 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
#8DA5C6 }
```

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

```
.border{ border-color:#8DA5C6 }
```

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

Here you see how a box with a 4 pixel #8DA5C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DA5C6; -webkit-box-shadow:4px 4px  
4px 4px #8DA5C6; box-shadow:4px 4px 4px  
4px #8DA5C6 }
```

# Background

The CSS property to change the background color of an element to Hex 8DA5C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DA5C6 }
```

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

```
.background{ background-color:#8DA5C6 }
```

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