

# Converting Colors

Hex(859DC5)

Have a look what the booklet for  
Hex(859DC5) contains.

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# **Color**

**Hex(859DC5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	859DC5
RGB	133, 157, 197
RGB Percent	52%, 62%, 77%
CMY	0.4784, 0.3843, 0.2275
CMYK	0.32, 0.20, 0.00, 0.23
HSL	218°, 36%, 65%
HSV	218°, 32%, 77%
XYZ	31.8079, 33.1317, 57.5419
YIQ	154.3840, -27.1440, 7.3520

# Conversions

## Conversions Part 2

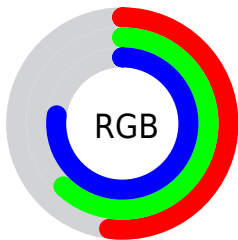
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	133, 150, 197
Decimal	8756677
CIE Lab	64.27, 1.16, -23.31
CIE LCh	64, 23.335, 272.844
Yxy	33.1317, 0.2597, 0.2705
Android (android.graphics.Color)	4286946757 (0xFF859DC5)
YUV	154.3840, 21.0097, -18.7538
Hunter-Lab	57.5601, -2.0907, -18.9791

# Details

The Hex color **859DC5** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C5AD85**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **BCD3FE**, and **516A8F** is the 20% darker color. If you saturate the color by 10%, you get **7191C5**, and if you desaturate by 10%, it is **99A9C5**.

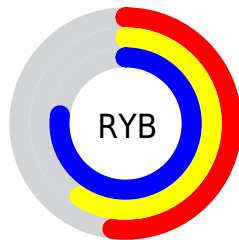
# Distribution



Red (52%)

Green (62%)

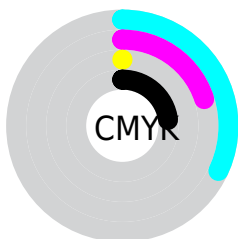
Blue (77%)



Red (52%)

Yellow (59%)

Blue (77%)

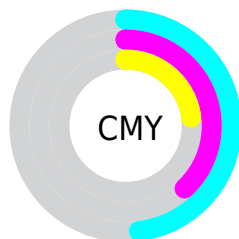


Cyan (32%)

Magenta (20%)

Yellow (0%)

Black (23%)



Cyan (48%)

Magenta (38%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 859DC5 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 859DC5 by changing the saturation by 10% instead.



859DC5

859DC5

FFFFFF

6B83AA

BCD3FE

516A8F

D8F0FF

385275

F5FFFF

1E3B5D

002645

00102E

000119

000000

859DC5

859DC5

7191C5

99A9C5

5E84C5

ACB6C5

4A78C5

C0C2C5

366CC5

D4CEC5

235FC5

E8DBC5

0F53C5

FBE7C5

004AC5

FFF3C5

FFFFC5

# Harmonies

## Analogous

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



6BA3C0



859DC5



A296BF

# Triad

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



859DC5



C58F86



7BA688

# Complementary

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



859DC5



C5AD85

# 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.



92A178



859DC5



BB9477

# Square

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



859DC5



C58D9B



A99B72



66A89D

# Rectangle

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



859DC5



B291B5



A99B72



82A582



# Sweetspot

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



859DC5



E6EFFF



85C5AC



707680



000000



808080



# Same Dimension

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



859DC5



9CC1FF



8C85C5



5A5D63



003DA3



000D24



# Inverse Universe

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



C5859D



FF9CC1



BEC585



635A5D



A3003D

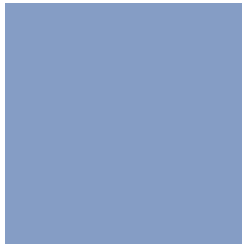


24000D



# Previews

## White Background



This preview shows how the Hex color 859DC5 looks on a white background.

## Color Contrast Check

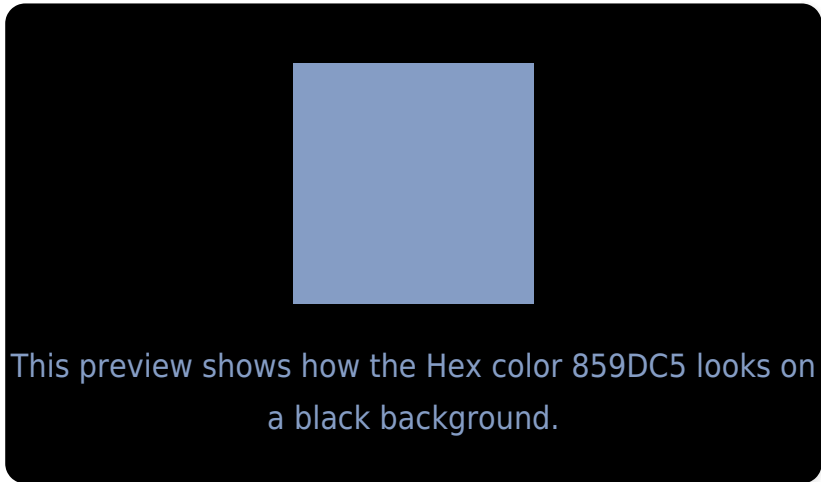
Large Text (above 18pt) WCAG AA × Fail

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

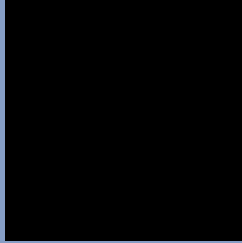
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

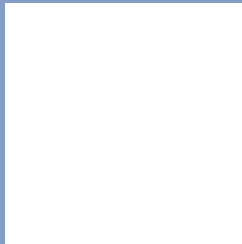
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 859DC5 Background



This preview shows how black text looks on a background with the Hex color 859DC5.



This preview shows how white text looks on a background with the Hex color 859DC5.

# 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**  
859DC5

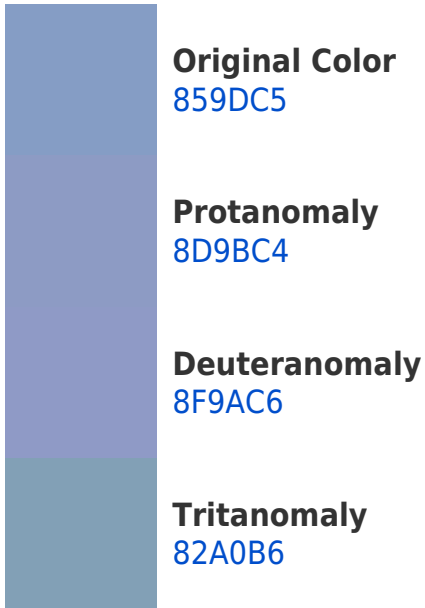
**Protanopia**  
929AC3

**Deuteranopia**  
9499C6

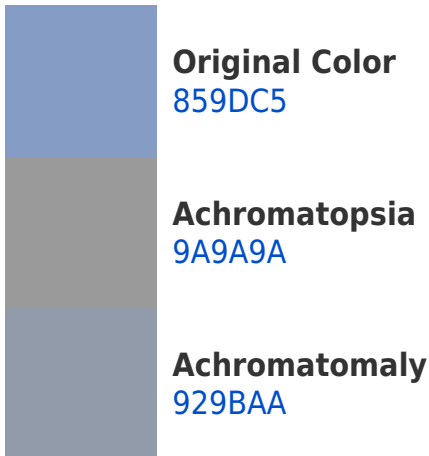


**Tritanopia**  
80A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 859DC5 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 #859DC5 looks like.

```
.text, #text, p{  
    color:#859DC5  
}
```

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 #859DC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #859DC5
}
```

## Border

The CSS property to change the border of an element to Hex 859DC5 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
#859DC5 }
```

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

```
.border{ border-color:#859DC5 }
```

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

Here you see how a box with a 4 pixel #859DC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #859DC5; -webkit-box-shadow:4px 4px  
4px 4px #859DC5; box-shadow:4px 4px 4px  
4px #859DC5 }
```

# Background

The CSS property to change the background color of an element to Hex 859DC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#859DC5 }
```

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

```
.background{ background-color:#859DC5 }
```

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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