

# Converting Colors

Hex(5D98BA)

Have a look what the booklet for  
Hex(5D98BA) contains.

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**Color**

**Hex(5D98BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D98BA
RGB	93, 152, 186
RGB Percent	36%, 60%, 73%
CMY	0.6353, 0.4039, 0.2706
CMYK	0.50, 0.18, 0.00, 0.27
HSL	202°, 40%, 55%
HSV	202°, 50%, 73%
XYZ	24.6054, 28.3288, 50.6255
YIQ	138.2350, -46.0780, -1.9340

# Conversions

## Conversions Part 2

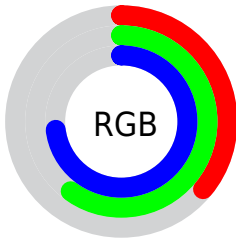
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 129, 186
Decimal	6133946
CIE <sub>Lab</sub>	60.18, -9.72, -23.59
CIE <sub>LCh</sub>	60, 25.511, 247.610
Yxy	28.3288, 0.2376, 0.2736
Android (android.graphics.Color)	4284324026 (0xFF5D98BA)
YUV	138.2350, 23.5481, -39.6711
Hunter-Lab	53.2248, -10.6244, -19.1372

# Details

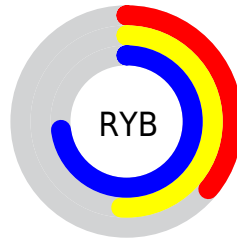
The Hex color **5D98BA** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BA7F5D**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **94CEF2**, and **226585** is the 20% darker color. If you saturate the color by 10%, you get **4A91BA**, and if you desaturate by 10%, it is **709FBA**.

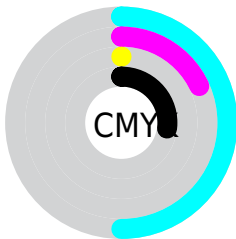
# Distribution



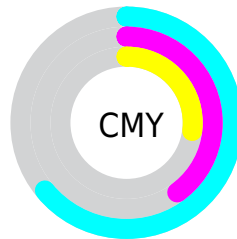
- Red (36%)
- Green (60%)
- Blue (73%)



- Red (36%)
- Yellow (51%)
- Blue (73%)



- Cyan (50%)
- Magenta (18%)
- Yellow (0%)
- Black (27%)



- Cyan (64%)
- Magenta (40%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D98BA 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 5D98BA by changing the saturation by 10% instead.



■ 5D98BA

■ 5D98BA

FFFFFF

■ 417E9F

■ 94CEF2

■ 226585

■ B1EAF2

■ 004D6B

■ CDFFFF

■ 003653

■ EAFFFF

■ 00213C

■ 000426

■ 00010F

■ 000000

■ 5D98BA

■ 5D98BA

■ 4A91BA

■ 709FBA

■ 388ABA

■ 82A6BA

■ 2584BA

■ 95ACBA

■ 137DBA

■ A7B3BA

■ 0076BA

■ BABABA

■ CDC1BA

■ DFC8BA

■ F2CEBA

■ FFD5BA

# Harmonies

## Analogous

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



4B9CAC



5D98BA



7D91BD

# Triad

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



5D98BA



BE808C



83986D

# Complementary

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



5D98BA



BA7F5D

# 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.



9B9164



5D98BA



BC8377

# Square

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



5D98BA



B383A3



B08A68



699C7F

# Rectangle

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



5D98BA



928CB9



B08A68



8B9669



# Sweetspot

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



5D98BA



CEE5F2



5DBA7E



64727A



FAFAFA



7A7A7A



# Same Dimension

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



5D98BA



61BDF2



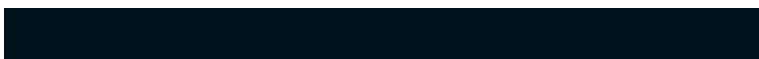
5D6BBA



53585C



00639C



00121C



# Inverse Universe

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



BA5D98



F261BD



BAAC5D



5C5358



9C0063



1C0012



# Previews

## White Background



This preview shows how the Hex color 5D98BA looks on a white background.

## Color Contrast Check

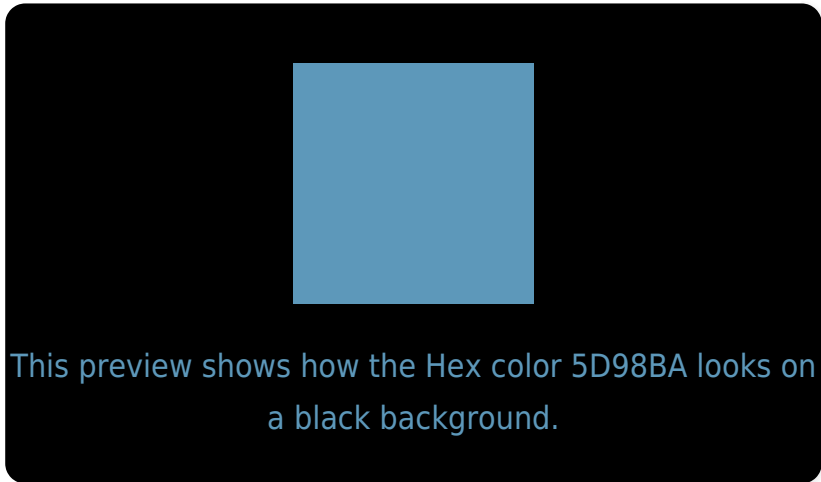
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

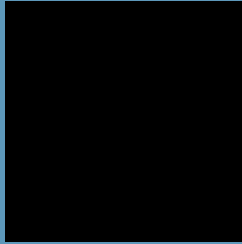
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5D98BA Background



This preview shows how black text looks on a background with the Hex color 5D98BA.

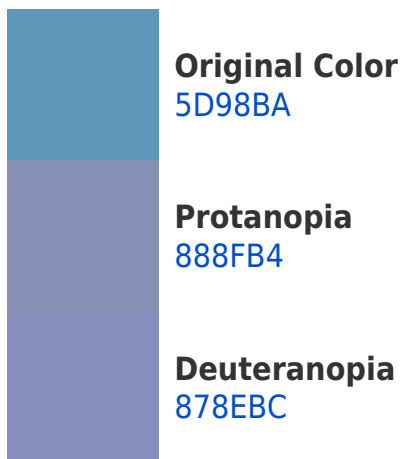



This preview shows how white text looks on a background with the Hex color 5D98BA.

# 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](#).

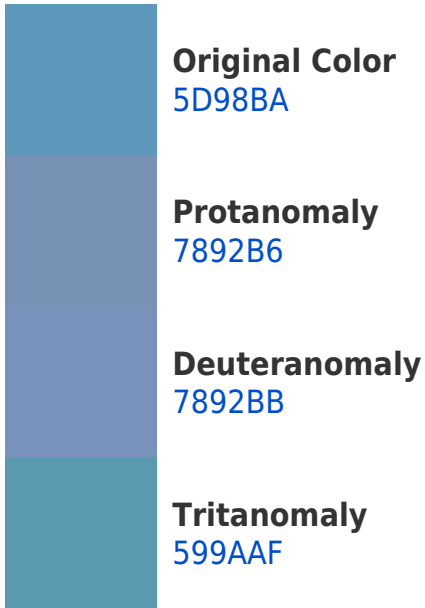
## Dichromacy



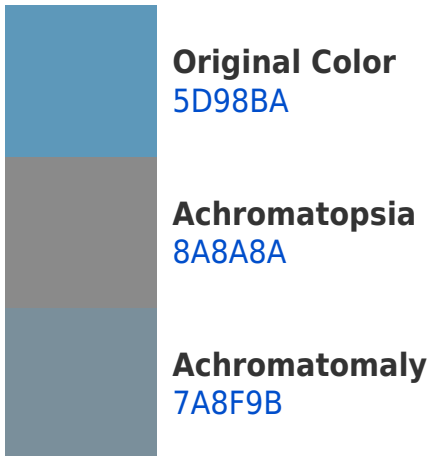


**Tritanopia**  
579BA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D98BA 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 #5D98BA looks like.

```
.text, #text, p{  
    color:#5D98BA  
}
```

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 #5D98BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D98BA
}
```

## Border

The CSS property to change the border of an element to Hex 5D98BA 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
#5D98BA }
```

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

```
.border{ border-color:#5D98BA }
```

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

Here you see how a box with a 4 pixel #5D98BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D98BA; -webkit-box-shadow:4px 4px  
4px 4px #5D98BA; box-shadow:4px 4px 4px  
4px #5D98BA }
```

# Background

The CSS property to change the background color of an element to Hex 5D98BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D98BA }
```

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

```
.background{ background-color:#5D98BA }
```

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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