

Converting Colors

Hex(5D9CB3)

Have a look what the booklet for
Hex(5D9CB3) contains.

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Color

Hex(5D9CB3)

Conversions

Conversions Part 1

Format	Color
Hex	5D9CB3
RGB	93, 156, 179
RGB Percent	36%, 61%, 70%
CMY	0.6353, 0.3882, 0.2980
CMYK	0.48, 0.13, 0.00, 0.30
HSL	196°, 36%, 53%
HSV	196°, 48%, 70%
XYZ	24.5394, 29.3588, 47.0213
YIQ	139.7850, -44.9310, -6.2030

Conversions

Conversions Part 2

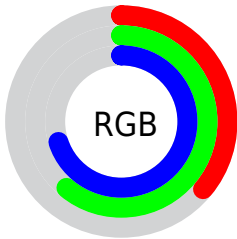
Format	Color
R_{YB}	93, 129, 179
Decimal	6134963
CIE _{Lab}	61.10, -13.94, -18.25
CIE _{LCh}	61, 22.960, 232.632
Yxy	29.3588, 0.2432, 0.2909
Android (android.graphics.Color)	4284325043 (0xFF5D9CB3)
YUV	139.7850, 19.3330, -41.0304
Hunter-Lab	54.1837, -13.9804, -13.5239

Details

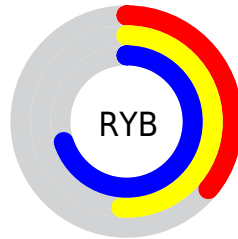
The Hex color **5D9CB3** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **B3745D**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **94D3EB**, and **24697E** is the 20% darker color. If you saturate the color by 10%, you get **4B97B3**, and if you desaturate by 10%, it is **6FA1B3**.

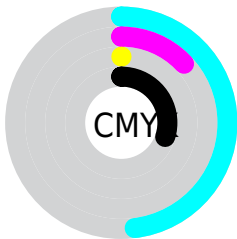
Distribution



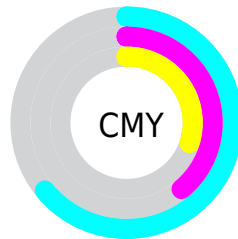
- Red (36%)
- Green (61%)
- Blue (70%)



- Red (36%)
- Yellow (51%)
- Blue (70%)



- Cyan (48%)
- Magenta (13%)
- Yellow (0%)
- Black (30%)



- Cyan (64%)
- Magenta (39%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D9CB3 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 5D9CB3 by changing the saturation by 10% instead.

■ 5D9CB3

■ 5D9CB3

FFFFFF

■ 418298

■ 94D3EB

■ 24697E

■ B0EFFF

■ 005165

■ CDFFFF

■ 00394D

■ EAFFFF

■ 002436

■ 000A21

■ 000007

■ 000000

■ 5D9CB3

■ 5D9CB3

■ 4B97B3

■ 6FA1B3

■ 3992B3

■ 81A6B3

■ 278EB3

■ 93AAB3

■ 1589B3

■ A5AFB3

■ 0384B3

■ B6B4B3

■ 0083B3

■ C8B9B3

■ DABEB3

■ ECC2B3

■ FEC7B3

Harmonies

Analogous

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



589FA2



5D9CB3



7397BB

Triad

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



5D9CB3



B88599



92976E

Complementary

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



5D9CB3



B3745D

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.



A7906B



5D9CB3



BD8585

Square

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



5D9CB3



A989AC



B68A74



7B9C7A

Rectangle

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



5D9CB3



8692BB



B68A74



9A956C

Sweetspot

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



5D9CB3



C8DFE8



5DB374



617075



F5F5F5



757575

Same Dimension

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



5D9CB3



61C4E8



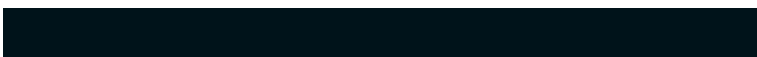
5D71B3



505759



007099



00131A

Inverse Universe

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



B35D9C



E861C4



B39F5D



595057



990070



1A0013

Previews

White Background



This preview shows how the Hex color 5D9CB3 looks on a white background.

Color Contrast Check

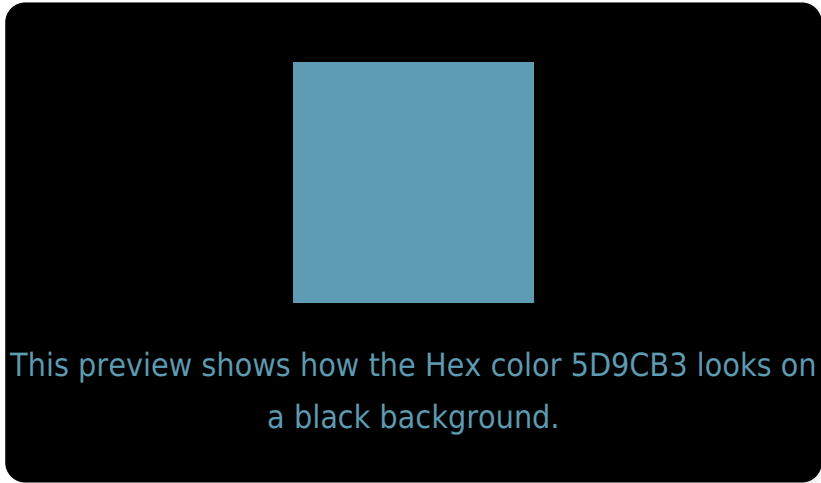
Large Text (above 18pt) WCAG AA ✓ Pass

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

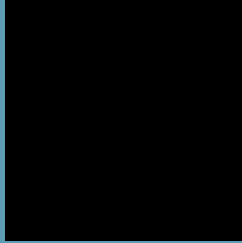
Any Text WCAG AA ✓ Pass

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 5D9CB3 Background



This preview shows how black text looks on a background with the Hex color 5D9CB3.



This preview shows how white text looks on a background with the Hex color 5D9CB3.

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
5D9CB3

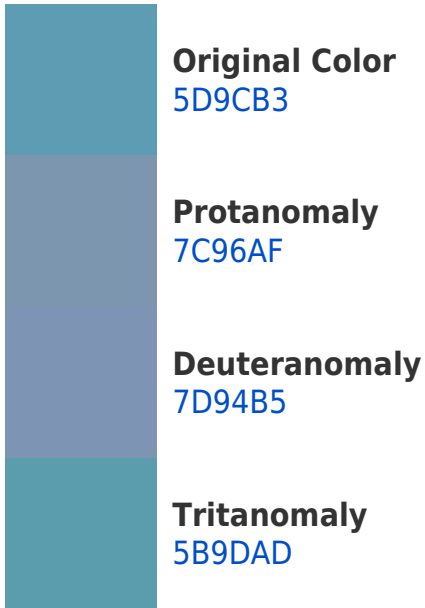
Protanopia
8E92AC

Deuteranopia
8F90B6

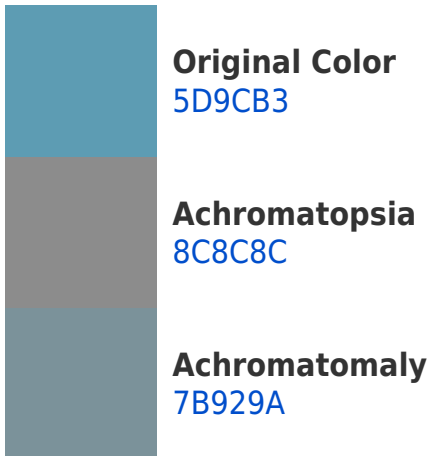


Tritanopia
5A9DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D9CB3 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 #5D9CB3 looks like.

```
.text, #text, p{  
    color:#5D9CB3  
}
```

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 #5D9CB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D9CB3
}
```

Border

The CSS property to change the border of an element to Hex 5D9CB3 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
#5D9CB3 }
```

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

```
.border{ border-color:#5D9CB3 }
```

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

Here you see how a box with a 4 pixel #5D9CB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D9CB3; -webkit-box-shadow:4px 4px  
4px 4px #5D9CB3; box-shadow:4px 4px 4px  
4px #5D9CB3 }
```

Background

The CSS property to change the background color of an element to Hex 5D9CB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D9CB3 }
```

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

```
.background{ background-color:#5D9CB3 }
```

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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