

Converting Colors

Hex(5DACB8)

Have a look what the booklet for
Hex(5DACB8) contains.

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Color

Hex(5DACB8)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5DACB8 |
| RGB | 93, 172, 184 |
| RGB Percent | 36%, 67%, 72% |
| CMY | 0.6353, 0.3255, 0.2784 |
| CMYK | 0.49, 0.07, 0.00, 0.28 |
| HSL | 188°, 39%, 54% |
| HSV | 188°, 49%, 72% |
| XYZ | 27.9185, 35.2929, 50.6882 |
| YIQ | 149.7470, -50.9360, -13.0160 |

Conversions

Conversions Part 2

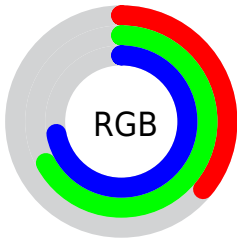
| Format | Color |
|-------------------------------------|--------------------------------------------------------------|
| RYB | 93, 135, 184 |
| Decimal | 6139064 |
| CIELab | 65.98, -20.98, -13.67 |
| CIELCh | 66, 25.035, 213.086 |
| Yxy | 35.2929, 0.2451, 0.3099 |
| Android (android.graphics.Color) | 4284329144 (0xFF5DACB8) |
| YUV | 149.7470, 16.8867, -49.7671 |
| Hunter-Lab | 59.4078, -20.0784, -9.0021 |

Details

The Hex color **5DACB8** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **B8695D**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **95E4F0**, and **207783** is the 20% darker color. If you saturate the color by 10%, you get **4BAAB8**, and if you desaturate by 10%, it is **6FAEB8**.

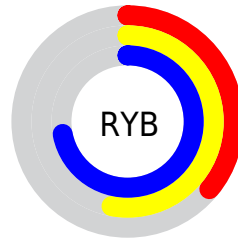
Distribution



Red (36%)

Green (67%)

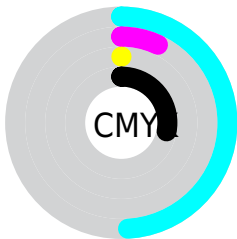
Blue (72%)



Red (36%)

Yellow (53%)

Blue (72%)

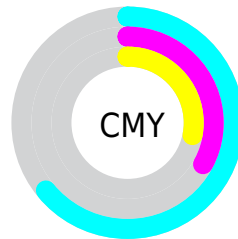


Cyan (49%)

Magenta (7%)

Yellow (0%)

Black (28%)



Cyan (64%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DACB8 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 5DACB8 by changing the saturation by 10% instead.

 5DACB8

 5DACB8

FFFFFF

 40919D

 95E4F0

 207783

 B2FFFF

 005F6A

 CEFFFF

 004752

 ECFFFF

 00303B

 001D25

 00010F

 000000

 5DACB8

 5DACB8

4BAAB8

6FAEB8

38A7B8

82B1B8

26A5B8

94B3B8

13A2B8

A7B6B8

01A0B8

B9B8B8

00A0B8

CBBBB8

DEBDB8

F0BFB8

FFC2B8

Harmonies

Analogous

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



66ADA2



5DACB8



6BA8C8

Triad

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



5DACB8



BF93B5



AEA073

Complementary

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



5DACB8



B8695D

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.



C29879



5DACB8



CC909F

Square

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



5DACB8



A79AC6



CD9289



96A67A

Rectangle

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



5DACB8



7DA4CC



CD9289



B69D74

Sweetspot

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



5DACB8



CCEBF0



5DB868



627578



F7F7F7



787878

Same Dimension

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



5DACB8



62DDF0



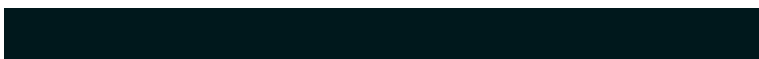
5D80B8



535B5C



00879C



00181C

Inverse Universe

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



B85DAC



F062DD



B8955D



5C535B



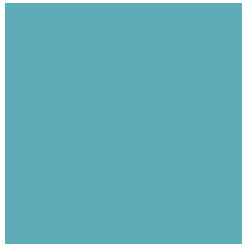
9C0087



1C0018

Previews

White Background



This preview shows how the Hex color 5DACB8 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 5DACB8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

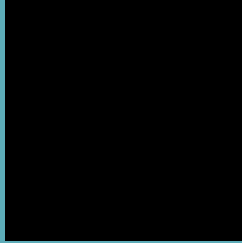
Any Text WCAG AA ✓ Pass

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 5DACB8 Background



This preview shows how black text looks on a background with the Hex color 5DACB8.

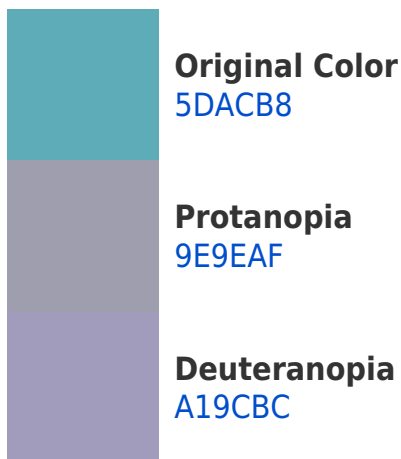


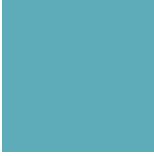
This preview shows how white text looks on a background with the Hex color 5DACB8.

Color Blindness Simulation

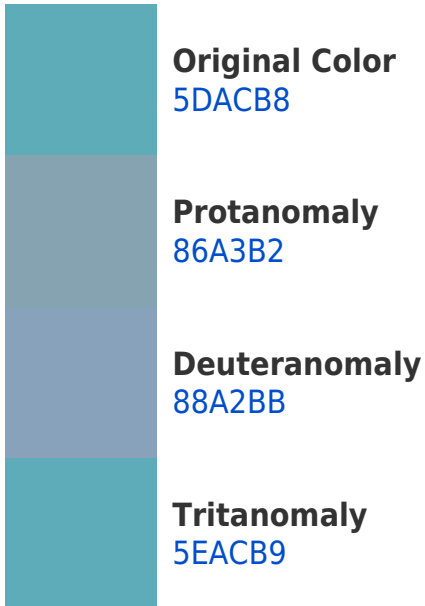
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

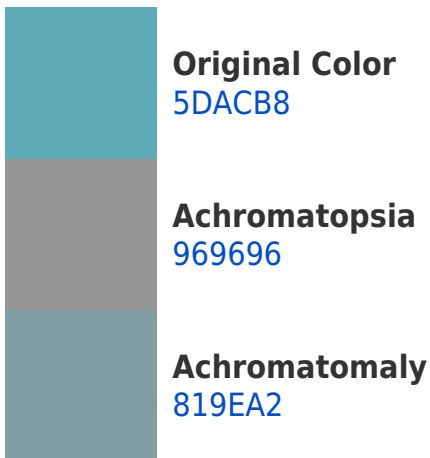




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DACB8 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 #5DACB8 looks like.

```
.text, #text, p{  
    color:#5DACB8  
}
```

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 #5DACB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DACB8
}
```

Border

The CSS property to change the border of an element to Hex 5DACB8 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
#5DACB8 }
```

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

```
.border{ border-color:#5DACB8 }
```

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

Here you see how a box with a 4 pixel #5DACB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DACB8; -webkit-box-shadow:4px 4px  
4px 4px #5DACB8; box-shadow:4px 4px 4px  
4px #5DACB8 }
```

Background

The CSS property to change the background color of an element to Hex 5DACB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DACB8 }
```

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

```
.background{ background-color:#5DACB8 }
```

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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