

Converting Colors

Hex(5DB2BA)

Have a look what the booklet for
Hex(5DB2BA) contains.

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Color

Hex(5DB2BA)

Conversions

Conversions Part 1

Format	Color
Hex	5DB2BA
RGB	93, 178, 186
RGB Percent	36%, 70%, 73%
CMY	0.6353, 0.3020, 0.2706
CMYK	0.50, 0.04, 0.00, 0.27
HSL	185°, 40%, 55%
HSV	185°, 50%, 73%
XYZ	29.2975, 37.7131, 52.1896
YIQ	153.4970, -53.2280, -15.5320

Conversions

Conversions Part 2

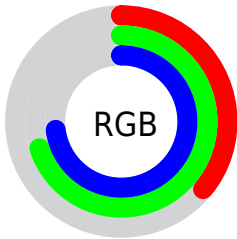
Format	Color
RYB	93, 137, 186
Decimal	6140602
CIELab	67.81, -23.49, -12.02
CIElCh	68, 26.388, 207.105
Yxy	37.7131, 0.2458, 0.3164
Android (android.graphics.Color)	4284330682 (0xFF5DB2BA)
YUV	153.4970, 16.0240, -53.0559
Hunter-Lab	61.4110, -22.3118, -7.3994

Details

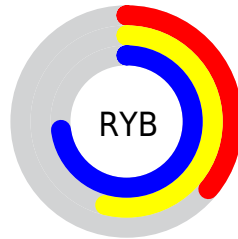
The Hex color **5DB2BA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BA655D**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **96EAF2**, and **1E7D85** is the 20% darker color. If you saturate the color by 10%, you get **4AB0BA**, and if you desaturate by 10%, it is **70B4BA**.

Distribution



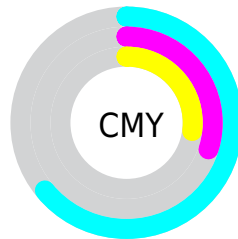
- Red (36%)
- Green (70%)
- Blue (73%)



- Red (36%)
- Yellow (54%)
- Blue (73%)



- Cyan (50%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)



- Cyan (64%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DB2BA 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 5DB2BA by changing the saturation by 10% instead.

■ 5DB2BA

■ 5DB2BA

FFFFFF

■ 40979F

■ 96EAF2

■ 1E7D85

■ B2FFFF

■ 00646C

■ CFFFFF

■ 004C53

■ EDFFFF

■ 00343C

■ 002027

■ 000112

■ 000000

■ 5DB2BA

■ 5DB2BA

4AB0BA

70B4BA

38AFBA

82B5BA

25ADBA

95B7BA

13ACBA

A7B8BA

00AABA

BABABA

CDBCBA

DFBDBA

F2BFBA

FFC0BA

Harmonies

Analogous

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



6BB2A2



5DB2BA



67AFCC

Triad

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



5DB2BA



C298BF



B9A376

Complementary

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



5DB2BA



BA655D

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.



CC9B7E



5DB2BA



D294A8

Square

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



5DB2BA



A6A0CF



D59591



A0AA7A

Rectangle

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



5DB2BA



79ABD3



D59591



C0A077

Sweetspot

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



5DB2BA



CEEFF2



5DBA65



64797A



FAFAFA



7A7A7A

Same Dimension

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



5DB2BA



61E6F2



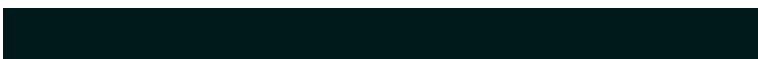
5D84BA



535B5C



008E9C



001A1C

Inverse Universe

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



BA5DB2



F261E6



BA935D



5C535B



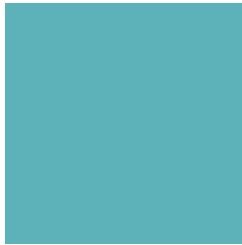
9C008E



1C001A

Previews

White Background



This preview shows how the Hex color 5DB2BA looks on a white background.

Color Contrast Check

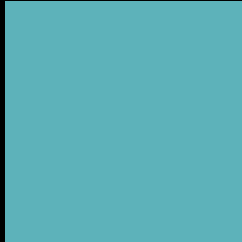
Large Text (above 18pt) WCAG AA × Fail

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 5DB2BA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

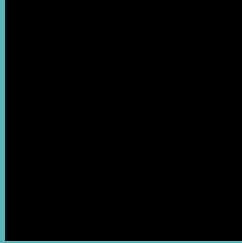
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

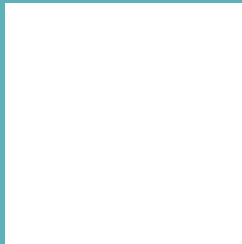
Any Text WCAG AAA ✓ Pass

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

Hex 5DB2BA Background



This preview shows how black text looks on a background with the Hex color 5DB2BA.

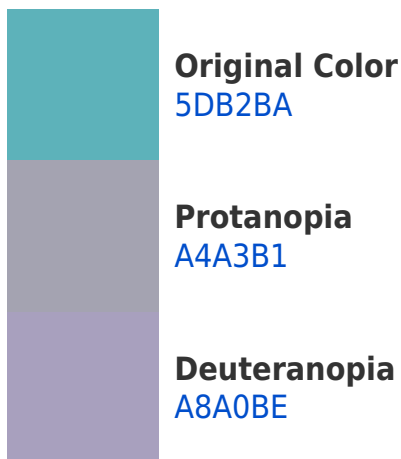


This preview shows how white text looks on a background with the Hex color 5DB2BA.

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](#).

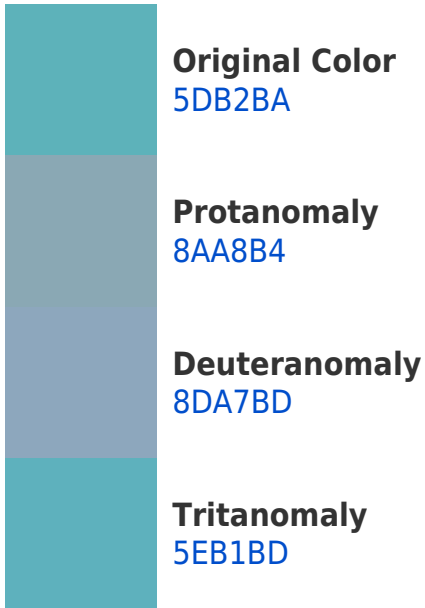
Dichromacy



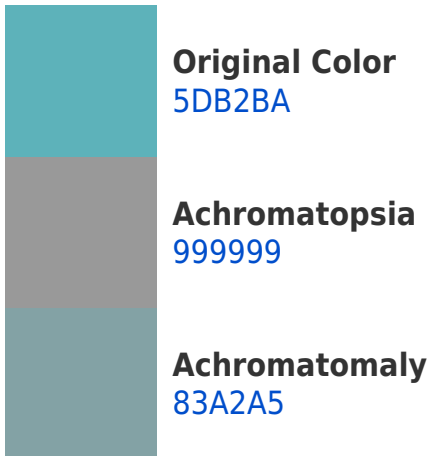


Tritanopia
5FB1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DB2BA 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 #5DB2BA looks like.

```
.text, #text, p{  
    color:#5DB2BA  
}
```

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 #5DB2BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DB2BA
}
```

Border

The CSS property to change the border of an element to Hex 5DB2BA 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
#5DB2BA }
```

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

```
.border{ border-color:#5DB2BA }
```

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

Here you see how a box with a 4 pixel #5DB2BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DB2BA; -webkit-box-shadow:4px 4px  
4px 4px #5DB2BA; box-shadow:4px 4px 4px  
4px #5DB2BA }
```

Background

The CSS property to change the background color of an element to Hex 5DB2BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DB2BA }
```

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

```
.background{ background-color:#5DB2BA }
```

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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