

Converting Colors

Hex(5DB0A2)

Have a look what the booklet for
Hex(5DB0A2) contains.

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Color

Hex(5DB0A2)

Conversions

Conversions Part 1

Format	Color
Hex	5DB0A2
RGB	93, 176, 162
RGB Percent	36%, 69%, 64%
CMY	0.6353, 0.3098, 0.3647
CMYK	0.47, 0.00, 0.08, 0.31
HSL	170°, 34%, 53%
HSV	170°, 47%, 69%
XYZ	26.5611, 35.9865, 39.7286
YIQ	149.5870, -44.9740, -21.9500

Conversions

Conversions Part 2

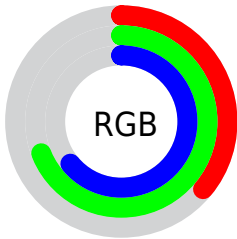
Format	Color
RYB	93, 138, 176
Decimal	6140066
CIELab	66.51, -28.75, -0.66
CIElCh	67, 28.759, 181.309
Yxy	35.9865, 0.2597, 0.3519
Android (android.graphics.Color)	4284330146 (0xFF5DB0A2)
YUV	149.5870, 6.1196, -49.6268
Hunter-Lab	59.9887, -25.9460, 2.7263

Details

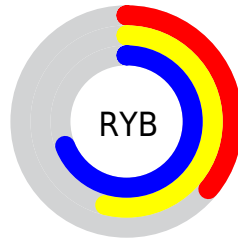
The Hex color **5DB0A2** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B05D6B**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **94E8D9**, and **237B6E** is the 20% darker color. If you saturate the color by 10%, you get **4BB09F**, and if you desaturate by 10%, it is **6FB0A5**.

Distribution



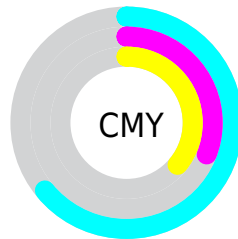
- Red (36%)
- Green (69%)
- Blue (64%)



- Red (36%)
- Yellow (54%)
- Blue (69%)



- Cyan (47%)
- Magenta (0%)
- Yellow (8%)
- Black (31%)



- Cyan (64%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DB0A2 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 5DB0A2 by changing the saturation by 10% instead.

 5DB0A2

 5DB0A2

FFFFFF

 419588

 94E8D9

 237B6E

 B0FFF5

 006256

 CDFFFF

 00493F

 EAFFFF

 003229

 001F15

 000000

 5DB0A2

 5DB0A2

 4BB09F

 6FB0A5

 3AB09C

 80B0A8

 28B099

 92B0AB

 17B096

 A3B0AE

 05B093

 B5B0B1

 00B092

 C7B0B4

 D8B0B7

 EAB0BA

 FBB0BD

Harmonies

Analogous

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



79AE88



5DB0A2



4FAFBC

Triad

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



5DB0A2



A79BCE



C89875

Complementary

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



5DB0A2



B05D6B

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.



D49188



5DB0A2



C492BB

Square

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



5DB0A2



82A4D5



D38FA2



B3A06E

Rectangle

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



5DB0A2



56ADC9



D38FA2



CE957A

Sweetspot

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



5DB0A2



C5E6E0



6CB05D



5F736F



F2F2F2



737373

Same Dimension

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



5DB0A2



63E6CF



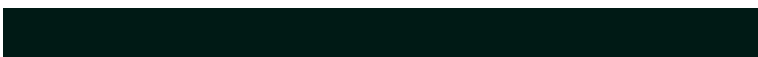
5D96B0



505958



00997F



001A15

Inverse Universe

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



B05D6B



E66379



B0775D



595052



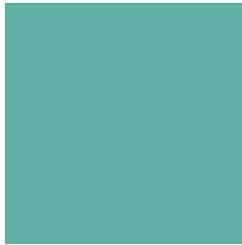
99001A



1A0004

Previews

White Background



This preview shows how the Hex color 5DB0A2 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 5DB0A2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

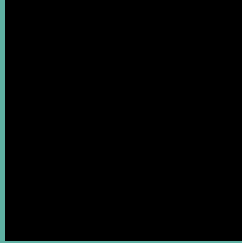
Any Text WCAG AA ✓ Pass

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 5DB0A2 Background



This preview shows how black text looks on a background with the Hex color 5DB0A2.

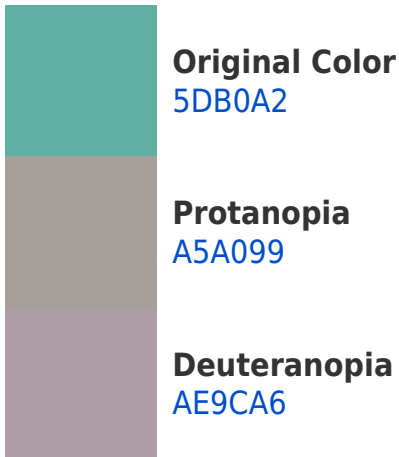


This preview shows how white text looks on a background with the Hex color 5DB0A2.

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](#).

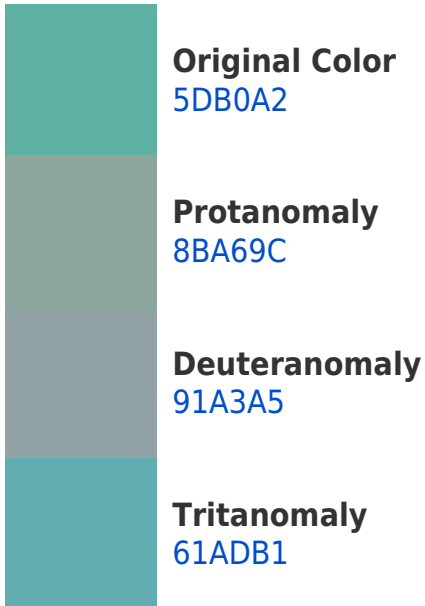
Dichromacy



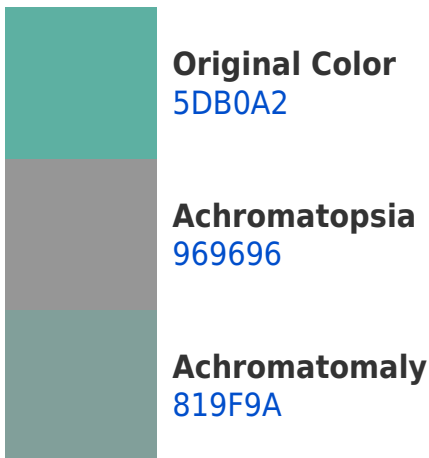


Tritanopia
64ACBA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DB0A2 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 #5DB0A2 looks like.

```
.text, #text, p{  
    color:#5DB0A2  
}
```

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 #5DB0A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DB0A2
}
```

Border

The CSS property to change the border of an element to Hex 5DB0A2 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
#5DB0A2 }
```

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

```
.border{ border-color:#5DB0A2 }
```

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

Here you see how a box with a 4 pixel #5DB0A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DB0A2; -webkit-box-shadow:4px 4px  
4px 4px #5DB0A2; box-shadow:4px 4px 4px  
4px #5DB0A2 }
```

Background

The CSS property to change the background color of an element to Hex 5DB0A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DB0A2 }
```

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

```
.background{ background-color:#5DB0A2 }
```

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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