

Converting Colors

Hex(5DB2A6)

Have a look what the booklet for
Hex(5DB2A6) contains.

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Color

Hex(5DB2A6)

Conversions

Conversions Part 1

Format	Color
Hex	5DB2A6
RGB	93, 178, 166
RGB Percent	36%, 70%, 65%
CMY	0.6353, 0.3020, 0.3490
CMYK	0.48, 0.00, 0.07, 0.30
HSL	172°, 36%, 53%
HSV	172°, 48%, 70%
XYZ	27.3175, 36.9211, 41.7631
YIQ	151.2170, -46.8080, -21.7520

Conversions

Conversions Part 2

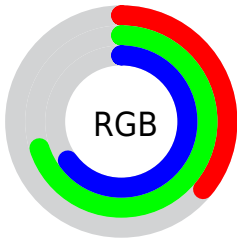
Format	Color
RYB	93, 139, 178
Decimal	6140582
CIELab	67.22, -28.73, -1.84
CIElCh	67, 28.789, 183.655
Yxy	36.9211, 0.2577, 0.3483
Android (android.graphics.Color)	4284330662 (0xFF5DB2A6)
YUV	151.2170, 7.2880, -51.0563
Hunter-Lab	60.7628, -26.0853, 1.7831

Details

The Hex color **5DB2A6** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B25D69**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **95EADD**, and **227D72** is the 20% darker color. If you saturate the color by 10%, you get **4BB2A3**, and if you desaturate by 10%, it is **6FB2A9**.

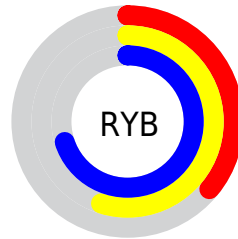
Distribution



Red (36%)

Green (70%)

Blue (65%)



Red (36%)

Yellow (55%)

Blue (70%)

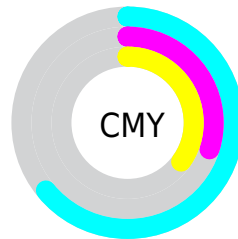


Cyan (48%)

Magenta (0%)

Yellow (7%)

Black (30%)



Cyan (64%)

Magenta (30%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DB2A6 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 5DB2A6 by changing the saturation by 10% instead.

 5DB2A6

 5DB2A6

FFFFFF

 41978C

 95EADD

 227D72

 B1FFFA

 00645A

 CEFFFF

 004B42

 EBFFFF

 00342C

 002118

 000000

 5DB2A6

 5DB2A6

 4BB2A3

 6FB2A9

 39B2A1

 81B2AB

 28B29E

 92B2AE

 16B29C

 A4B2B0

 04B299

 B6B2B3

 00B299

 C8B2B5

 DAB2B8

 EBB2BA

 FDB2BD

Harmonies

Analogous

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



79B08C



5DB2A6



51B1BF

Triad

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



5DB2A6



AB9CCF



C99A76

Complementary

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



5DB2A6



B25D69

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.



D69388



5DB2A6



C794BB

Square

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



5DB2A6



87A5D7



D690A1



B3A370

Rectangle

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



5DB2A6



59AECD



D690A1



CF977B

Sweetspot

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



5DB2A6



C8E8E3



6AB25D



617572



F5F5F5



757575

Same Dimension

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



5DB2A6



64E8D5



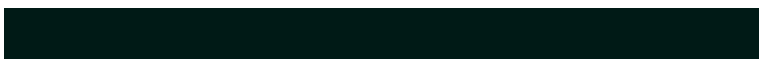
5D94B2



505958



009983



001A16

Inverse Universe

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



B25D69



E86476



B27B5D



595052



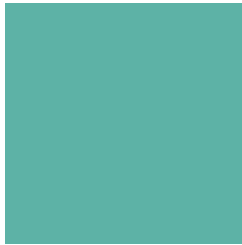
990016



1A0004

Previews

White Background



This preview shows how the Hex color 5DB2A6 looks on a white background.

Color Contrast Check

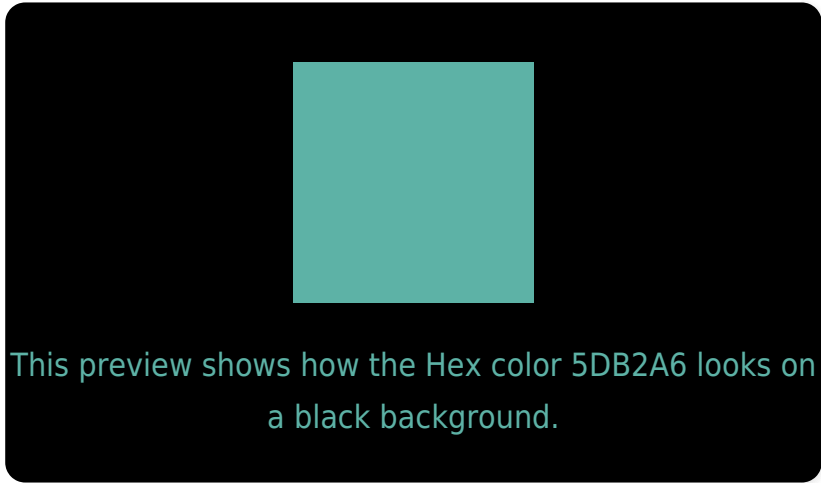
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

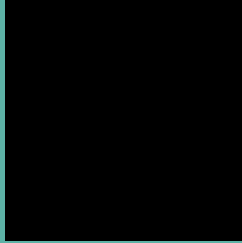
Any Text WCAG AA ✓ Pass

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 5DB2A6 Background



This preview shows how black text looks on a background with the Hex color 5DB2A6.

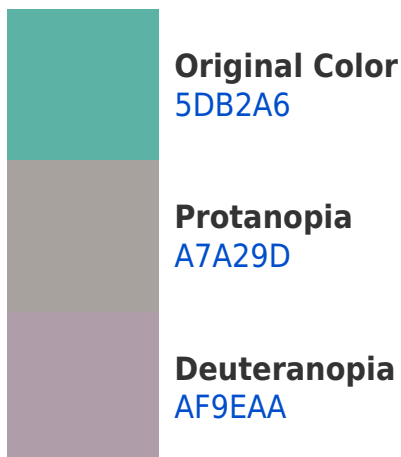


This preview shows how white text looks on a background with the Hex color 5DB2A6.

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
64AFBD

Trichromacy



Original Color
5DB2A6



Protanomaly
8CA8A0



Deuteranomaly
91A5A9



Tritanomaly
61B0B5

Monochromacy



Original Color
5DB2A6



Achromatopsia
979797



Achromatomaly
82A19C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DB2A6 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 #5DB2A6 looks like.

```
.text, #text, p{  
    color:#5DB2A6  
}
```

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 #5DB2A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DB2A6
}
```

Border

The CSS property to change the border of an element to Hex 5DB2A6 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
#5DB2A6 }
```

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

```
.border{ border-color:#5DB2A6 }
```

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

Here you see how a box with a 4 pixel #5DB2A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DB2A6; -webkit-box-shadow:4px 4px  
4px 4px #5DB2A6; box-shadow:4px 4px 4px  
4px #5DB2A6 }
```

Background

The CSS property to change the background color of an element to Hex 5DB2A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DB2A6 }
```

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

```
.background{ background-color:#5DB2A6 }
```

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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