

Converting Colors

Hex(1D8BA6)

Have a look what the booklet for
Hex(1D8BA6) contains.

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Color

Hex(1D8BA6)

Conversions

Conversions Part 1

Format	Color
Hex	1D8BA6
RGB	29, 139, 166
RGB Percent	11%, 55%, 65%
CMY	0.8863, 0.4549, 0.3490
CMYK	0.83, 0.16, 0.00, 0.35
HSL	192°, 70%, 38%
HSV	192°, 83%, 65%
XYZ	16.6222, 21.4796, 39.3463
YIQ	109.1880, -74.2270, -14.9230

Conversions

Conversions Part 2

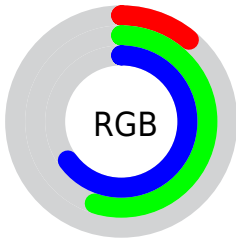
Format	Color
RYB	29, 90, 166
Decimal	1936294
CIELab	53.47, -19.83, -22.68
CIELCh	53, 30.126, 228.832
Yxy	21.4796, 0.2146, 0.2773
Android (android.graphics.Color)	4280126374 (0xFF1D8BA6)
YUV	109.1880, 28.0083, -70.3249
Hunter-Lab	46.3461, -17.0858, -17.8929

Details

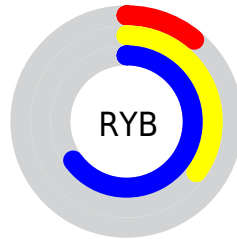
The Hex color **1D8BA6** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A6381D**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **63C1DD**, and **005972** is the 20% darker color. If you saturate the color by 10%, you get **0C88A6**, and if you desaturate by 10%, it is **2E8EA6**.

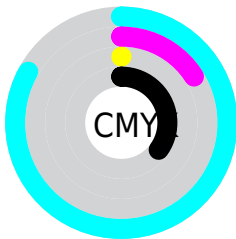
Distribution



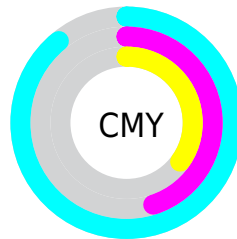
- Red (11%)
- Green (55%)
- Blue (65%)



- Red (11%)
- Yellow (35%)
- Blue (65%)



- Cyan (83%)
- Magenta (16%)
- Yellow (0%)
- Black (35%)



- Cyan (89%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D8BA6 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 1D8BA6 by changing the saturation by 10% instead.

 1D8BA6

 1D8BA6

FFFFFF

 00718C

 63C1DD

 005972

 81DDFA

 004159

 9EF9FF

 002B42

 BCFFFF

 00162C

 D9FFFF

 000117

 F7FFFF

 000000

 1D8BA6

 1D8BA6

 0C88A6

 2E8EA6

0085A6

3E92A6

4F95A6

5F98A6

709BA6

819FA6

91A2A6

A2A5A6

B2A8A6

Harmonies

Analogous

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



1D8E90



1D8BA6



4985B2

Triad

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



1D8BA6



AC6D8B



80834E

Complementary

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



1D8BA6



A6381D

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.



9A7B4D



1D8BA6



B36C70

Square

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



1D8BA6



9773A2



AB725A



638A5D

Rectangle

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



1D8BA6



6780B3



AB725A



89814C

Sweetspot

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



1D8BA6



A3CED9



1DA636



4D676E



EDEDED



6E6E6E

Same Dimension

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



1D8BA6



02AED9



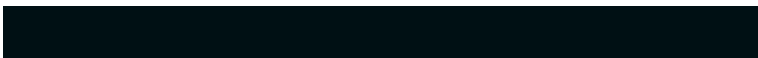
1D48A6



4C5254



007794



001014

Inverse Universe

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



A61D8B



D902AE



A67B1D



544C52



940077



140010

Previews

White Background



This preview shows how the Hex color 1D8BA6 looks on a white background.

Color Contrast Check

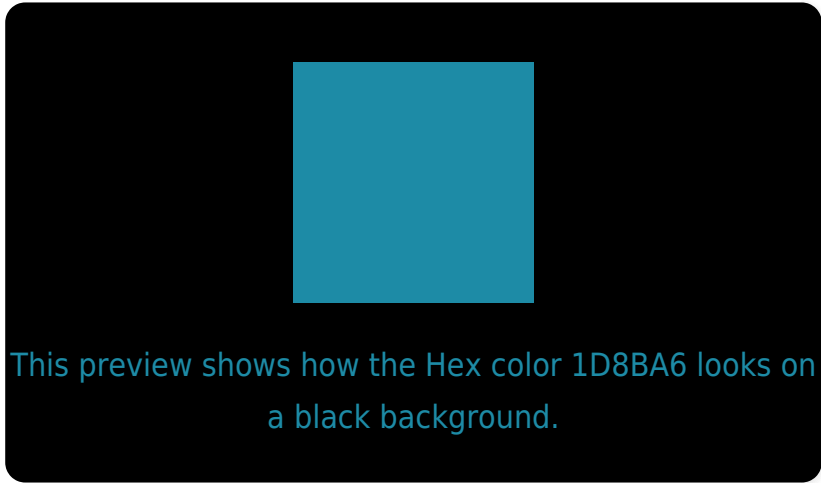
Large Text (above 18pt) WCAG AA ✓ Pass

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

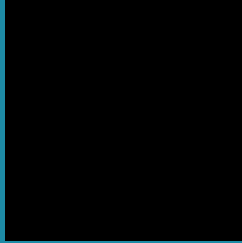
Any Text WCAG AA ✓ Pass

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 1D8BA6 Background



This preview shows how black text looks on a background with the Hex color 1D8BA6.

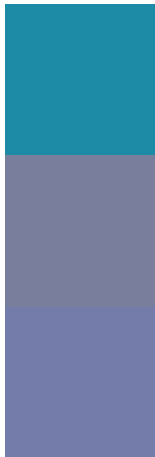


This preview shows how white text looks on a background with the Hex color 1D8BA6.

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
1D8BA6

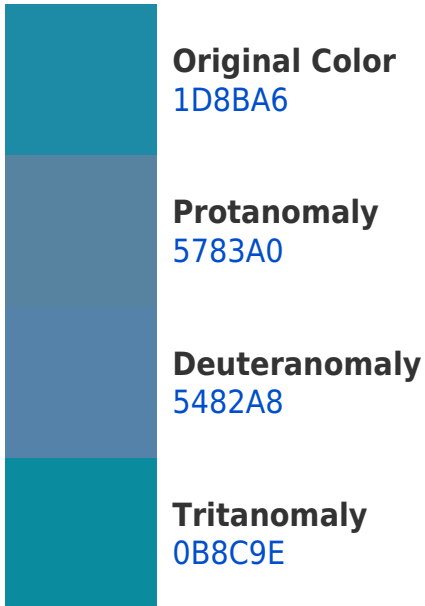
Protanopia
787E9C

Deuteranopia
747DA9

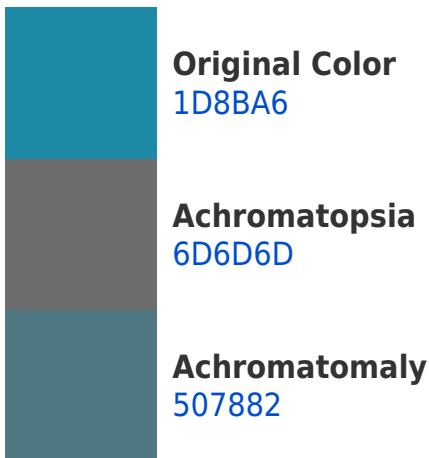


Tritanopia
008D99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1D8BA6 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 #1D8BA6 looks like.

```
.text, #text, p{  
    color:#1D8BA6  
}
```

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 #1D8BA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D8BA6
}
```

Border

The CSS property to change the border of an element to Hex 1D8BA6 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
#1D8BA6 }
```

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

```
.border{ border-color:#1D8BA6 }
```

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

Here you see how a box with a 4 pixel #1D8BA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D8BA6; -webkit-box-shadow:4px 4px  
4px 4px #1D8BA6; box-shadow:4px 4px 4px  
4px #1D8BA6 }
```

Background

The CSS property to change the background color of an element to Hex 1D8BA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D8BA6 }
```

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

```
.background{ background-color:#1D8BA6 }
```

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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