

Converting Colors

Hex(1D8BB9)

Have a look what the booklet for
Hex(1D8BB9) contains.

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Color

Hex(1D8BB9)

Conversions

Conversions Part 1

Format	Color
Hex	1D8BB9
RGB	29, 139, 185
RGB Percent	11%, 55%, 73%
CMY	0.8863, 0.4549, 0.2745
CMYK	0.84, 0.25, 0.00, 0.27
HSL	198°, 73%, 42%
HSV	198°, 84%, 73%
XYZ	18.4963, 22.2292, 49.2148
YIQ	111.3540, -80.3260, -9.0140

Conversions

Conversions Part 2

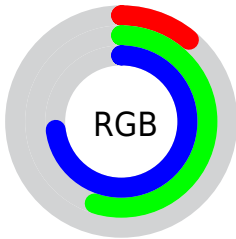
Format	Color
R_{YB}	29, 94, 185
Decimal	1936313
CIE _{Lab}	54.27, -13.14, -32.33
CIE _{LCh}	54, 34.902, 247.886
Yxy	22.2292, 0.2057, 0.2472
Android (android.graphics.Color)	4280126393 (0xFF1D8BB9)
YUV	111.3540, 36.3075, -72.2245
Hunter-Lab	47.1479, -12.4827, -28.8856

Details

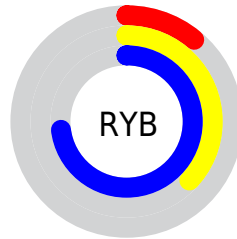
The Hex color **1D8BB9** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B94B1D**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **66C0F1**, and **005984** is the 20% darker color. If you saturate the color by 10%, you get **0A86B9**, and if you desaturate by 10%, it is **3090B9**.

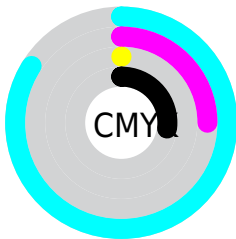
Distribution



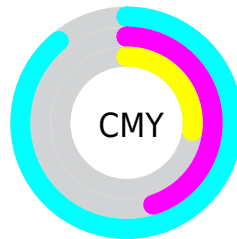
- Red (11%)
- Green (55%)
- Blue (73%)



- Red (11%)
- Yellow (37%)
- Blue (73%)



- Cyan (84%)
- Magenta (25%)
- Yellow (0%)
- Black (27%)



- Cyan (89%)
- Magenta (45%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D8BB9 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 1D8BB9 by changing the saturation by 10% instead.

■ 1D8BB9

■ 1D8BB9

FFFFFF

■ 00729E

■ 66C0F1

■ 005984

■ 85DCFF

■ 00426A

■ A3F9FF

■ 002C52

■ C1FFFF

■ 00183A

■ DFFFFFF

■ 000224

FDFFFF

■ 00000D

■ 000000

■ 1D8BB9

■ 1D8BB9

■ 0A86B9

■ 3090B9

■ 0082B9

■ 4296B9

■ 559BB9

■ 67A1B9

■ 7AA6B9

■ 8CACB9

■ 9FB1B9

■ B1B7B9

■ C4BCB9

Harmonies

Analogous

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



0090A6



1D8BB9



6182BD

Triad

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



1D8BB9



BB6A7B



6D8B51

Complementary

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



1D8BB9



B94B1D

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.



8D8345



1D8BB9



B86E5E

Square

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



1D8BB9



AE6D99



A7784A



46906A

Rectangle

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



1D8BB9



827BB7



A7784A



78884B

Sweetspot

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



1D8BB9



B4DEF0



1DB949



546D78



F7F7F7



787878

Same Dimension

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



1D8BB9



00A9F0



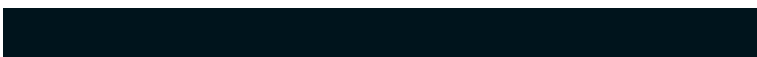
1D3FB9



53595C



006E9C



00141C

Inverse Universe

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



B91D8B



F000A9



B9971D



5C5359



9C006E



1C0014

Previews

White Background



This preview shows how the Hex color 1D8BB9 looks on a white background.

Color Contrast Check

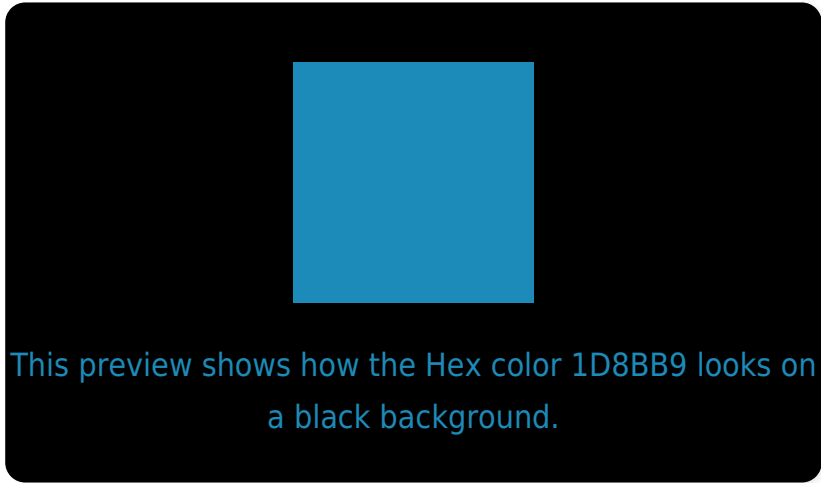
Large Text (above 18pt) WCAG AA ✓ Pass

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 1D8BB9 Background



This preview shows how black text looks on a background with the Hex color 1D8BB9.



This preview shows how white text looks on a background with the Hex color 1D8BB9.

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](#).

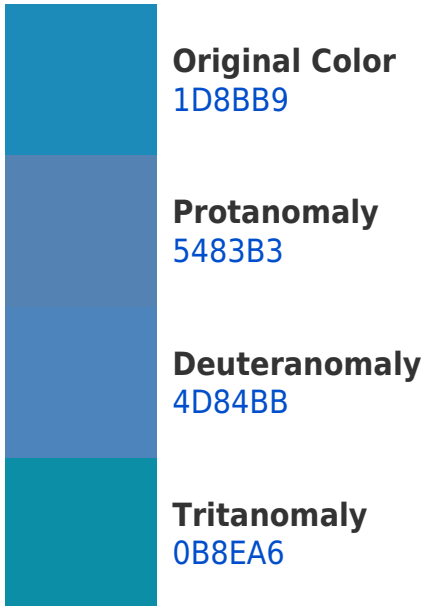
Dichromacy



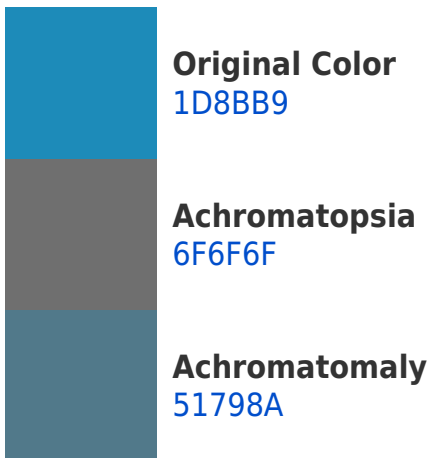


Tritanopia
008F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1D8BB9 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 #1D8BB9 looks like.

```
.text, #text, p{  
    color:#1D8BB9  
}
```

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 #1D8BB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D8BB9
}
```

Border

The CSS property to change the border of an element to Hex 1D8BB9 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
#1D8BB9 }
```

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

```
.border{ border-color:#1D8BB9 }
```

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

Here you see how a box with a 4 pixel #1D8BB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D8BB9; -webkit-box-shadow:4px 4px  
4px 4px #1D8BB9; box-shadow:4px 4px 4px  
4px #1D8BB9 }
```

Background

The CSS property to change the background color of an element to Hex 1D8BB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D8BB9 }
```

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

```
.background{ background-color:#1D8BB9 }
```

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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