

Converting Colors

Hex(1D80BE)

Have a look what the booklet for
Hex(1D80BE) contains.

| | |
|--|----|
| Hex(1D80BE) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(1D80BE)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 1D80BE |
| RGB | 29, 128, 190 |
| RGB Percent | 11%, 50%, 75% |
| CMY | 0.8863, 0.4980, 0.2549 |
| CMYK | 0.85, 0.33, 0.00, 0.25 |
| HSL | 203°, 74%, 43% |
| HSV | 203°, 85%, 75% |
| XYZ | 17.5201, 19.4173, 51.5397 |
| YIQ | 105.4670, -78.9060, -1.7060 |

Conversions

Conversions Part 2

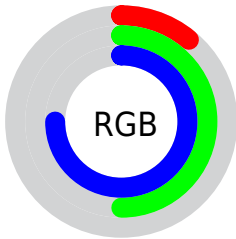
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 29, 90, 190 |
| Decimal | 1933502 |
| CIE Lab | 51.17, -4.98, -40.05 |
| CIE LCh | 51, 40.363, 262.918 |
| Yxy | 19.4173, 0.1980, 0.2195 |
| Android (android.graphics.Color) | 4280123582 (0xFF1D80BE) |
| YUV | 105.4670, 41.6748, -67.0616 |
| Hunter-Lab | 44.0650, -6.1427, -38.5017 |

Details

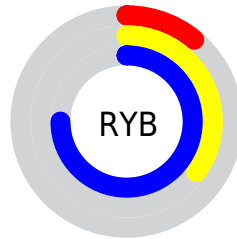
The Hex color **1D80BE** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **BE5B1D**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **67B5F7**, and **004F88** is the 20% darker color. If you saturate the color by 10%, you get **0A79BE**, and if you desaturate by 10%, it is **3087BE**.

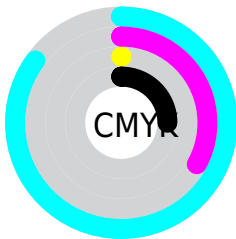
Distribution



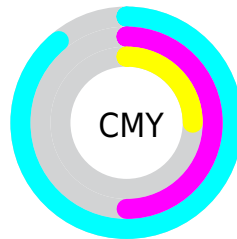
- Red (11%)
- Green (50%)
- Blue (75%)



- Red (11%)
- Yellow (35%)
- Blue (75%)



- Cyan (85%)
- Magenta (33%)
- Yellow (0%)
- Black (25%)



- Cyan (89%)
- Magenta (50%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D80BE 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 1D80BE by changing the saturation by 10% instead.

■ 1D80BE

■ 1D80BE

FFFFFF

■ 0067A3

■ 67B5F7

■ 004F88

■ 85D0FF

■ 00396E

■ A3ECFF

■ 002456

■ C1FFFF

■ 000E3E

■ DFFFFFF

■ 000327

FEFFFF

■ 000111

■ 000000

■ 1D80BE

■ 1D80BE

■ 0A79BE

■ 3087BE

■ 0075BE

■ 438FBE

■ 5696BE

■ 699DBE

■ 7CA5BE

■ 8FACBE

■ A2B3BE

■ B5BBBE

■ C8C2BE

Harmonies

Analogous

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



0088B0



1D80BE



6F74B9

Triad

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



1D80BE



BA5E61



4B874F

Complementary

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



1D80BE



BE5B1D

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.



748038



1D80BE



AE6844

Square

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



1D80BE



B55D84



957534



008B70

Rectangle

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



1D80BE



906BAD



957534



5A8545

Sweetspot

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



1D80BE



BAE0F7



1DBE5B



576F7D



FCFCFC



7D7D7D

Same Dimension

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



1D80BE



0098F7



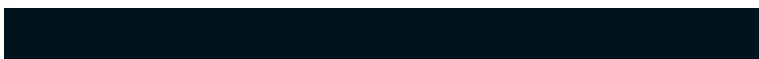
1D30BE



555B5E



00619E



00131F

Inverse Universe

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



BE1D80



F70098



BEAB1D



5E555B



9E0061



1F0013

Previews

White Background



This preview shows how the Hex color 1D80BE looks on a white background.

Color Contrast Check

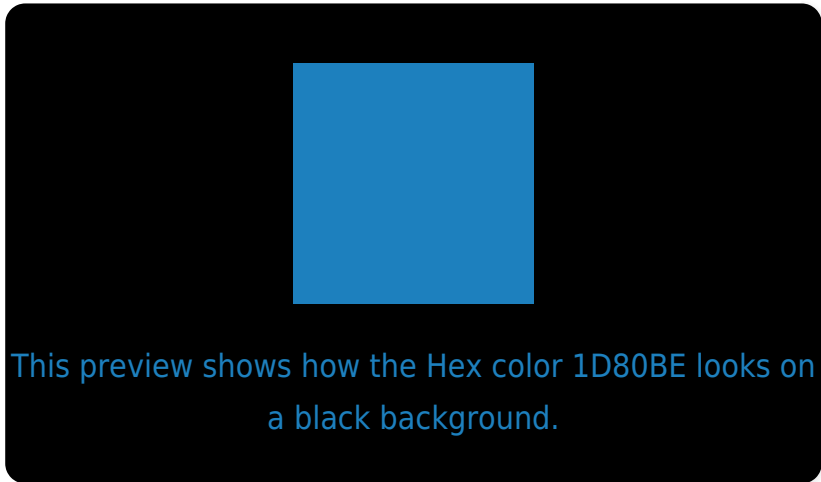
Large Text (above 18pt) WCAG AA ✓ Pass

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

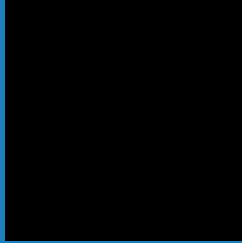
Any Text WCAG AA ✓ Pass

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 1D80BE Background



This preview shows how black text looks on a background with the Hex color 1D80BE.

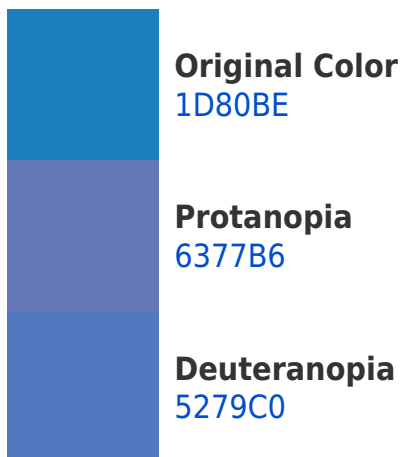


This preview shows how white text looks on a background with the Hex color 1D80BE.

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](#).

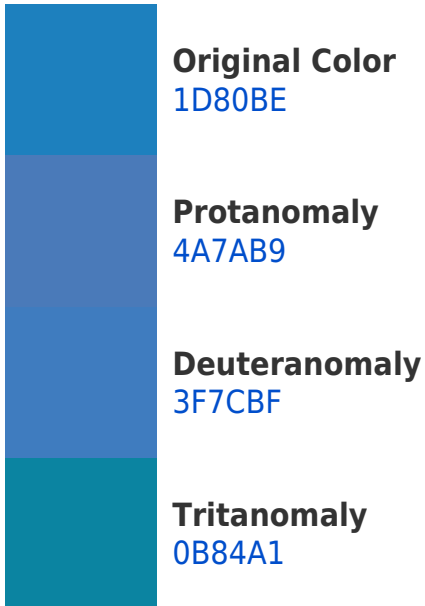
Dichromacy





Tritanopia
008791

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1D80BE 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 #1D80BE looks like.

```
.text, #text, p{  
    color:#1D80BE  
}
```

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 #1D80BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D80BE
}
```

Border

The CSS property to change the border of an element to Hex 1D80BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

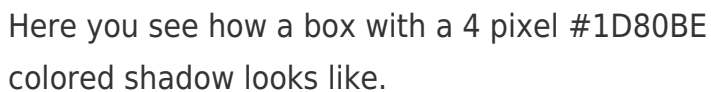
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1D80BE }
```

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

```
.border{ border-color:#1D80BE }
```

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



Here you see how a box with a 4 pixel #1D80BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D80BE; -webkit-box-shadow:4px 4px  
4px 4px #1D80BE; box-shadow:4px 4px 4px  
4px #1D80BE }
```

Background

The CSS property to change the background color of an element to Hex 1D80BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D80BE }
```

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

```
.background{ background-color:#1D80BE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor