

Converting Colors

Hex(1873BD)

Have a look what the booklet for
Hex(1873BD) contains.

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Color

Hex(1873BD)

Conversions

Conversions Part 1

Format	Color
Hex	1873BD
RGB	24, 115, 189
RGB Percent	9%, 45%, 74%
CMY	0.9059, 0.5490, 0.2588
CMYK	0.87, 0.39, 0.00, 0.26
HSL	207°, 77%, 42%
HSV	207°, 87%, 74%
XYZ	15.6927, 16.1298, 50.4304
YIQ	96.2270, -77.9900, 3.7220

Conversions

Conversions Part 2

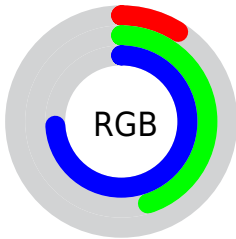
Format	Color
R_{YB}	24, 83, 189
Decimal	1602493
CIE Lab	47.14, 2.12, -45.87
CIE LCh	47, 45.921, 272.652
Yxy	16.1298, 0.1908, 0.1961
Android (android.graphics.Color)	4279792573 (0xFF1873BD)
YUV	96.2270, 45.7371, -63.3431
Hunter-Lab	40.1619, -0.5368, -46.3358

Details

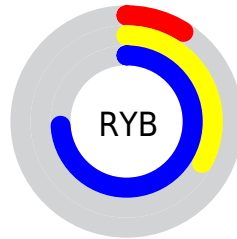
The Hex color **1873BD** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **BD6218**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **64A6F6**, and **004487** is the 20% darker color. If you saturate the color by 10%, you get **056BBD**, and if you desaturate by 10%, it is **2B7BBD**.

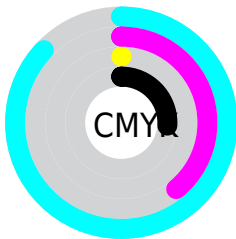
Distribution



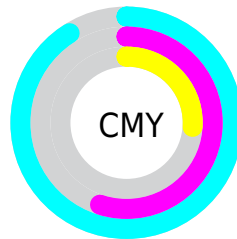
- Red (9%)
- Green (45%)
- Blue (74%)



- Red (9%)
- Yellow (33%)
- Blue (74%)



- Cyan (87%)
- Magenta (39%)
- Yellow (0%)
- Black (26%)



- Cyan (91%)
- Magenta (55%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1873BD 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 1873BD by changing the saturation by 10% instead.

■ 1873BD

■ 1873BD

FFFFFF

■ 005BA2

■ 64A6F6

■ 004487

■ 83C2FF

■ 002E6D

■ A1DDFF

■ 001A54

■ BFFAFF

■ 00063D

■ DDFFFF

■ 000326

■ FBFFFF

■ 00010F

■ 000000

■ 1873BD

■ 1873BD

■ 056BBD

■ 2B7BBD

■ 0068BD

■ 3E84BD

■ 518CBD

■ 6495BD

■ 779DBD

■ 89A6BD

■ 9CAEBD

■ AFB7BD

■ C2BFBD

Harmonies

Analogous

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



007DB4



1873BD



7564B1

Triad

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



1873BD



B35248



1C804B

Complementary

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



1873BD



BD6218

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.



5A7A2A



1873BD



A0612A

Square

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



1873BD



B54C6E



816F1C



008272

Rectangle

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



1873BD



96599F



816F1C



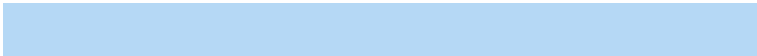
377E3F

Sweetspot

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



1873BD



B5D8F5



18BD60



54697A



FAFAFA



7A7A7A

Same Dimension

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



1873BD



0087F5



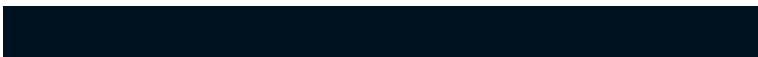
1823BD



555A5E



00579E



00111F

Inverse Universe

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



BD1873



F50087



BDB218



5E555A



9E0057



1F0011

Previews

White Background



This preview shows how the Hex color 1873BD looks on a white background.

Color Contrast Check

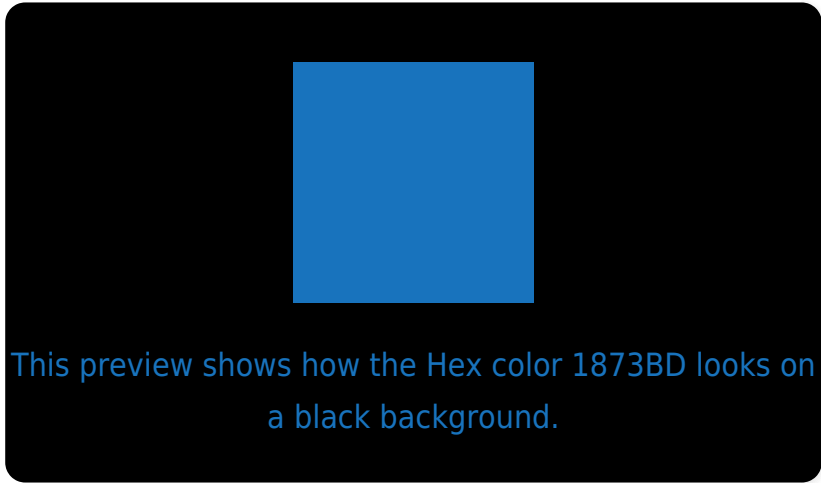
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

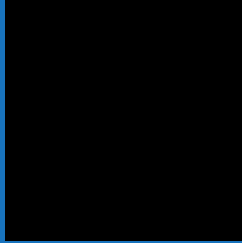
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1873BD Background



This preview shows how black text looks on a background with the Hex color 1873BD.

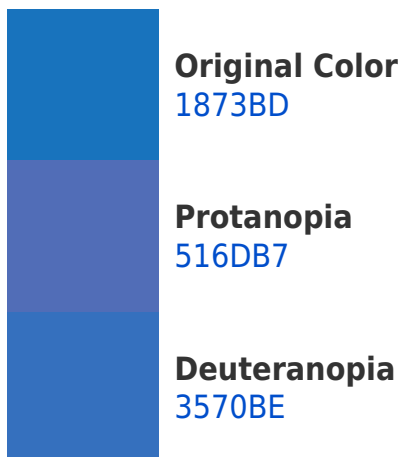


This preview shows how white text looks on a background with the Hex color 1873BD.

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](#).

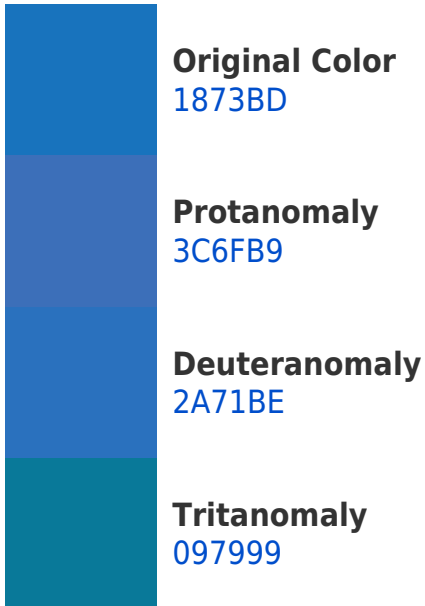
Dichromacy



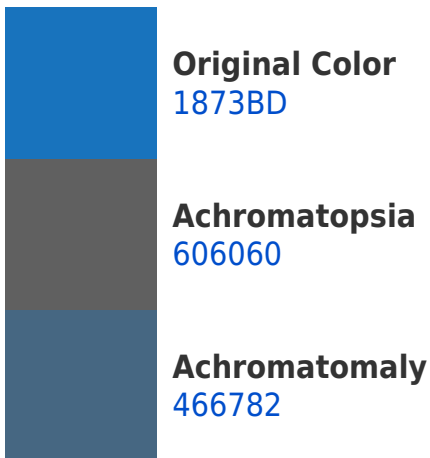


Tritanopia
007C84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1873BD 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 #1873BD looks like.

```
.text, #text, p{  
    color:#1873BD  
}
```

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 #1873BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1873BD
}
```

Border

The CSS property to change the border of an element to Hex 1873BD 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
#1873BD }
```

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

```
.border{ border-color:#1873BD }
```

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

Here you see how a box with a 4 pixel #1873BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1873BD; -webkit-box-shadow:4px 4px  
4px 4px #1873BD; box-shadow:4px 4px 4px  
4px #1873BD }
```

Background

The CSS property to change the background color of an element to Hex 1873BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1873BD }
```

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

```
.background{ background-color:#1873BD }
```

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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