

Converting Colors

Hex(1D83B7)

Have a look what the booklet for
Hex(1D83B7) contains.

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Color

Hex(1D83B7)

Conversions

Conversions Part 1

Format	Color
Hex	1D83B7
RGB	29, 131, 183
RGB Percent	11%, 51%, 72%
CMY	0.8863, 0.4863, 0.2824
CMYK	0.84, 0.28, 0.00, 0.28
HSL	200°, 73%, 42%
HSV	200°, 84%, 72%
XYZ	17.1702, 19.9127, 47.7383
YIQ	106.4300, -77.4840, -5.4520

Conversions

Conversions Part 2

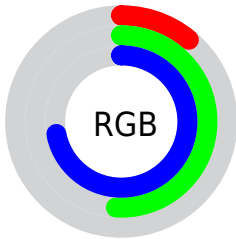
Format	Color
R_{YB}	29, 90, 183
Decimal	1934263
CIE _{Lab}	51.74, -9.33, -35.15
CIE _{LCh}	52, 36.364, 255.140
Yxy	19.9127, 0.2024, 0.2348
Android (android.graphics.Color)	4280124343 (0xFF1D83B7)
YUV	106.4300, 37.7490, -67.9061
Hunter-Lab	44.6237, -9.4084, -32.1918

Details

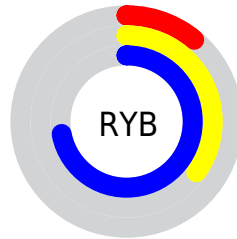
The Hex color **1D83B7** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B7511D**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **66B8EF**, and **005282** is the 20% darker color. If you saturate the color by 10%, you get **0B7DB7**, and if you desaturate by 10%, it is **2F89B7**.

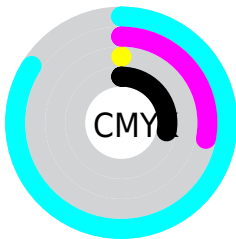
Distribution



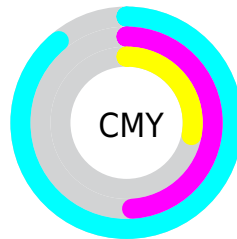
- Red (11%)
- Green (51%)
- Blue (72%)



- Red (11%)
- Yellow (35%)
- Blue (72%)



- Cyan (84%)
- Magenta (28%)
- Yellow (0%)
- Black (28%)



- Cyan (89%)
- Magenta (49%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D83B7 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 1D83B7 by changing the saturation by 10% instead.

■ 1D83B7

■ 1D83B7

FFFFFF

■ 006A9C

■ 66B8EF

■ 005282

■ 84D3FF

■ 003B68

■ A2F0FF

■ 002650

■ BFFFFF

■ 001039

■ DDDFFF

■ 000223

■ FBBBBF

■ 000009

■ 000000

■ 1D83B7

■ 1D83B7

0B7DB7

2F89B7

0079B7

428FB7

5496B7

669CB7

79A2B7

8BA8B7

9DAEB7

AFB4B7

C2BBB7

Harmonies

Analogous

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



0089A7



1D83B7



6579B7

Triad

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



1D83B7



B7626D



5C864E

Complementary

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



1D83B7



B7511D

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.



7F7F3D



1D83B7



B06951

Square

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



1D83B7



AD648C



9C743F



2E8A6A

Rectangle

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



1D83B7



8571AE



9C743F



688447

Sweetspot

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



1D83B7



B2D9ED



1DB750



546C78



F7F7F7



787878

Same Dimension

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



1D83B7



009DED



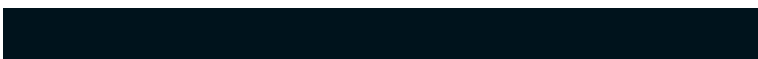
1D37B7



53595C



00679C



00131C

Inverse Universe

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



B71D83



ED009D



B79D1D



5C5359



9C0067



1C0013

Previews

White Background



This preview shows how the Hex color 1D83B7 looks on a white background.

Color Contrast Check

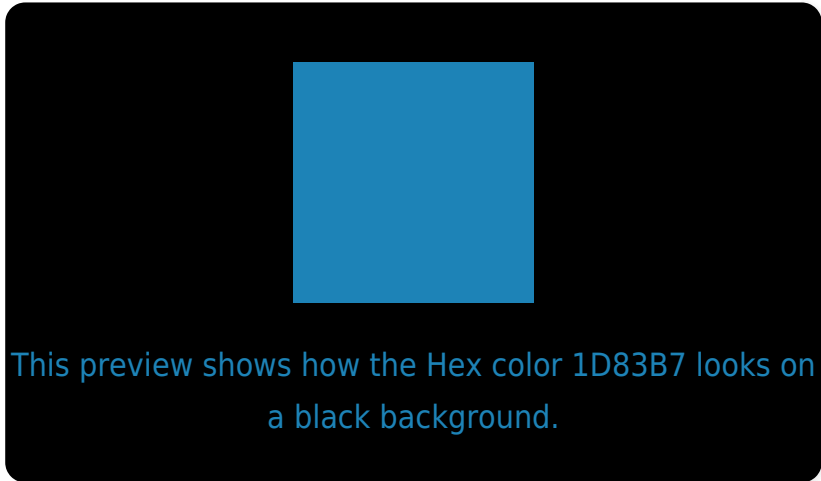
Large Text (above 18pt) WCAG AA ✓ Pass

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

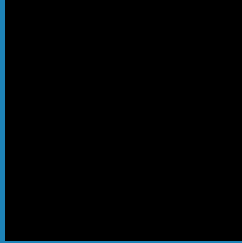
Any Text WCAG AA ✓ Pass

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 1D83B7 Background



This preview shows how black text looks on a background with the Hex color 1D83B7.

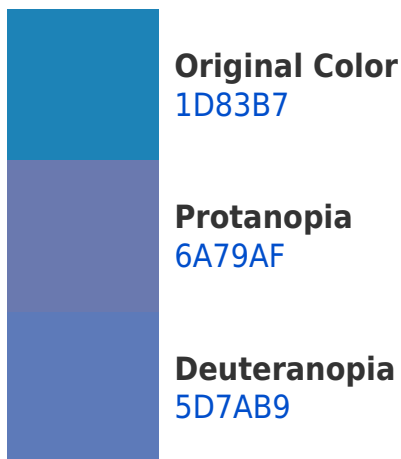


This preview shows how white text looks on a background with the Hex color 1D83B7.

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](#).

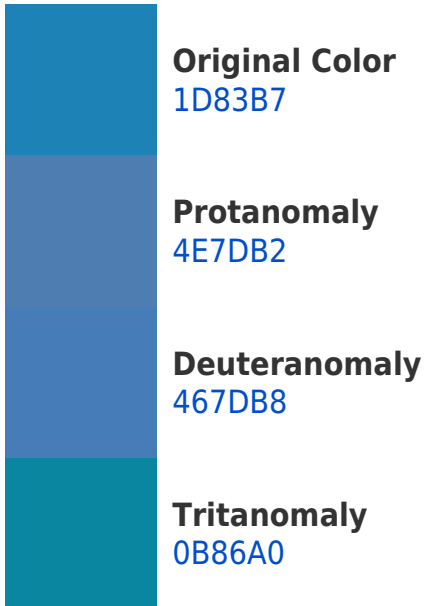
Dichromacy



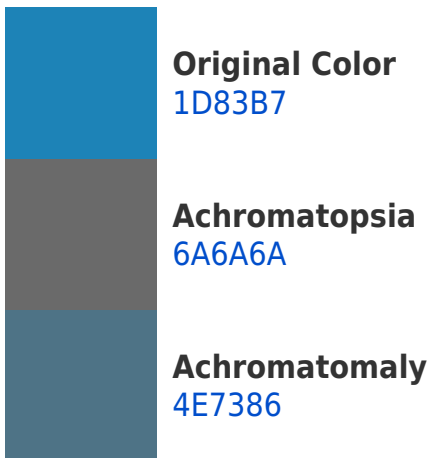


Tritanopia
008893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1D83B7 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 #1D83B7 looks like.

```
.text, #text, p{  
    color:#1D83B7  
}
```

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 #1D83B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D83B7
}
```

Border

The CSS property to change the border of an element to Hex 1D83B7 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
#1D83B7 }
```

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

```
.border{ border-color:#1D83B7 }
```

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

Here you see how a box with a 4 pixel #1D83B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D83B7; -webkit-box-shadow:4px 4px  
4px 4px #1D83B7; box-shadow:4px 4px 4px  
4px #1D83B7 }
```

Background

The CSS property to change the background color of an element to Hex 1D83B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D83B7 }
```

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

```
.background{ background-color:#1D83B7 }
```

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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