

Converting Colors

Hex(1B83CE)

Have a look what the booklet for
Hex(1B83CE) contains.

Hex(1B83CE)	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(1B83CE)

Conversions

Conversions Part 1

Format	Color
Hex	1B83CE
RGB	27, 131, 206
RGB Percent	11%, 51%, 81%
CMY	0.8941, 0.4863, 0.1922
CMYK	0.87, 0.36, 0.00, 0.19
HSL	205°, 77%, 46%
HSV	205°, 87%, 81%
XYZ	19.7089, 20.9218, 61.3921
YIQ	108.4540, -86.0590, 1.2770

Conversions

Conversions Part 2

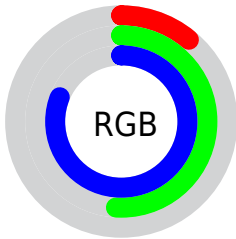
Format	Color
R_{YB}	27, 93, 206
Decimal	1803214
CIE _{Lab}	52.86, -0.88, -46.50
CIE _{LCh}	53, 46.504, 268.913
Yxy	20.9218, 0.1932, 0.2051
Android (android.graphics.Color)	4279993294 (0xFF1B83CE)
YUV	108.4540, 48.0902, -71.4352
Hunter-Lab	45.7404, -3.1327, -47.5599

Details

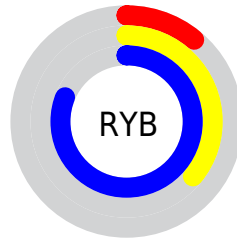
The Hex color **1B83CE** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **CE661B**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **6AB8FF**, and **005297** is the 20% darker color. If you saturate the color by 10%, you get **067ACE**, and if you desaturate by 10%, it is **308CCE**.

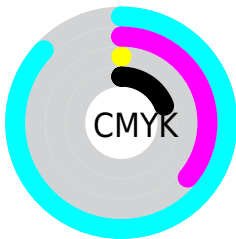
Distribution



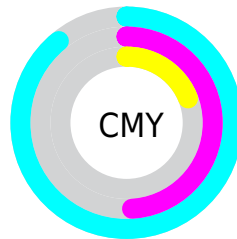
- Red (11%)
- Green (51%)
- Blue (81%)



- Red (11%)
- Yellow (36%)
- Blue (81%)



- Cyan (87%)
- Magenta (36%)
- Yellow (0%)
- Black (19%)



- Cyan (89%)
- Magenta (49%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B83CE 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 1B83CE by changing the saturation by 10% instead.

■ 1B83CE

■ 1B83CE

FFFFFF

■ 006AB2

■ 6AB8FF

■ 005297

■ 89D3FF

■ 003C7D

■ A8EFFF

■ 002763

■ C6FFFF

■ 00124B

■ E4FFFF

■ 000434

■ 00021E

■ 000000

■ 1B83CE

■ 1B83CE

067ACE

308CCE

0078CE

4494CE

599DCE

6DA6CE

82AECE

97B7CE

ABBFCE

C0C8CE

D4D1CE

Harmonies

Analogous

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



008DC2



1B83CE



7D74C4

Triad

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



1B83CE



C65F5A



388E53

Complementary

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



1B83CE



CE661B

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.



6E8734



1B83CE



B46D3A

Square

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



1B83CE



C55B81



967C2A



00927B

Rectangle

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



1B83CE



A069B3



967C2A



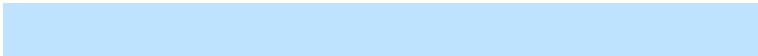
4D8C47

Sweetspot

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



1B83CE



BDE3FF



1BCE66



586F80



000000



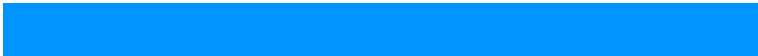
808080

Same Dimension

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



1B83CE



0094FF



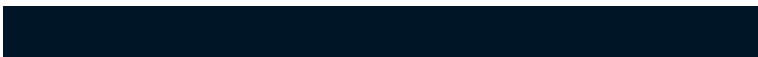
1B2ACE



5C6266



0060A6



001626

Inverse Universe

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



CE1B83



FF0094



CEBF1B



665C62



A60060



260016

Previews

White Background



This preview shows how the Hex color 1B83CE looks on a white background.

Color Contrast Check

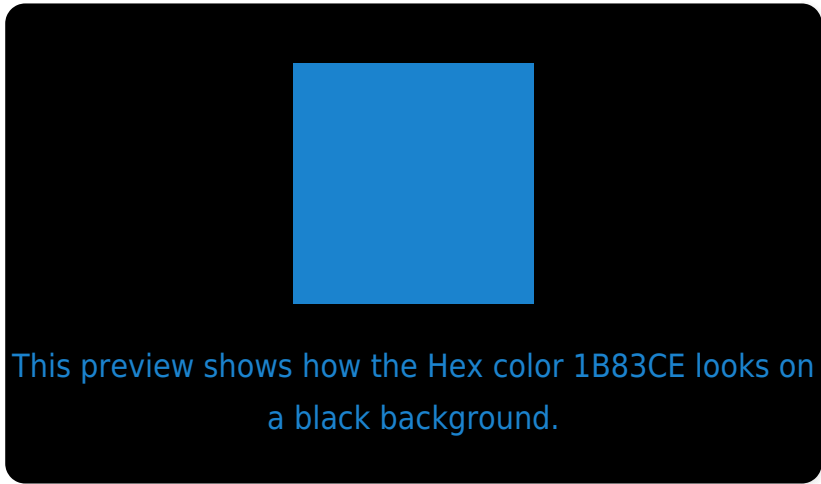
Large Text (above 18pt) WCAG AA ✓ Pass

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

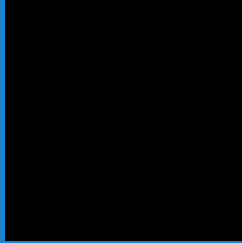
Any Text WCAG AA ✓ Pass

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 1B83CE Background



This preview shows how black text looks on a background with the Hex color 1B83CE.



This preview shows how white text looks on a background with the Hex color 1B83CE.

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](#).

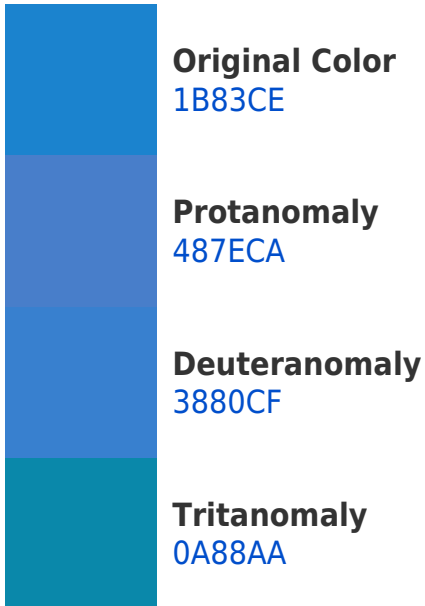
Dichromacy



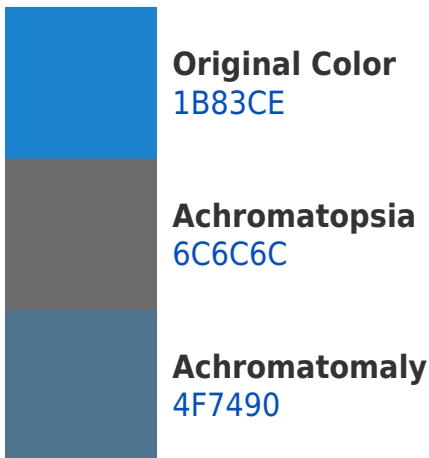


Tritanopia
008B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1B83CE 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 #1B83CE looks like.

```
.text, #text, p{  
    color:#1B83CE  
}
```

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 #1B83CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B83CE
}
```

Border

The CSS property to change the border of an element to Hex 1B83CE 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
#1B83CE }
```

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

```
.border{ border-color:#1B83CE }
```

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

Here you see how a box with a 4 pixel #1B83CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B83CE; -webkit-box-shadow:4px 4px  
4px 4px #1B83CE; box-shadow:4px 4px 4px  
4px #1B83CE }
```

Background

The CSS property to change the background color of an element to Hex 1B83CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B83CE }
```

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

```
.background{ background-color:#1B83CE }
```

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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