

Converting Colors

Hex(183DB4)

Have a look what the booklet for
Hex(183DB4) contains.

Hex(183DB4)	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(183DB4)

Conversions

Conversions Part 1

Format	Color
Hex	183DB4
RGB	24, 61, 180
RGB Percent	9%, 24%, 71%
CMY	0.9059, 0.7608, 0.2941
CMYK	0.87, 0.66, 0.00, 0.29
HSL	226°, 76%, 40%
HSV	226°, 87%, 71%
XYZ	10.2837, 6.8270, 43.9557
YIQ	63.5030, -60.2510, 29.1650

Conversions

Conversions Part 2

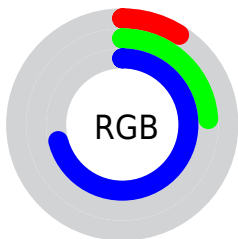
Format	Color
RYB	24, 54, 180
Decimal	1588660
CIELab	31.41, 33.90, -66.07
CIElCh	31, 74.263, 297.162
Yxy	6.8270, 0.1684, 0.1118
Android (android.graphics.Color)	4279778740 (0xFF183DB4)
YUV	63.5030, 57.4330, -34.6441
Hunter-Lab	26.1285, 24.5293, -81.4533

Details

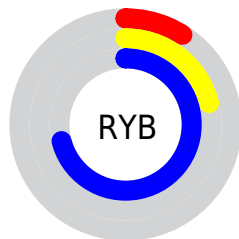
The Hex color **183DB4** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B48F18**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **656CED**, and **00147E** is the 20% darker color. If you saturate the color by 10%, you get **062FB4**, and if you desaturate by 10%, it is **2A4BB4**.

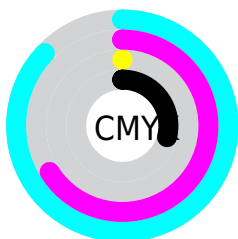
Distribution



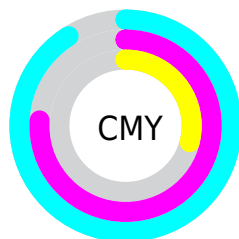
- Red (9%)
- Green (24%)
- Blue (71%)



- Red (9%)
- Yellow (21%)
- Blue (71%)



- Cyan (87%)
- Magenta (66%)
- Yellow (0%)
- Black (29%)



- Cyan (91%)
- Magenta (76%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 183DB4 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 183DB4 by changing the saturation by 10% instead.

■ 183DB4

■ 183DB4

FFFFFF

■ 002799

■ 656CED

■ 00147E

■ 8385FF

■ 000064

■ A1A0FF

■ 00094B

■ BFBBFF

■ 000433

■ DDD6FF

■ 00021D

■ FCF3FF

■ 000000

■ 183DB4

■ 183DB4

■ 062FB4

■ 2A4BB4

002BB4

3C58B4

4E66B4

6074B4

7282B4

848FB4

969DB4

A8ABB4

BAB9B4

Harmonies

Analogous

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



0055C1



183DB4



86008A

Triad

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



183DB4



8A2700



005F43

Complementary

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



183DB4



B48F18

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.



005C00



183DB4



604600

Square

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



183DB4



A5001A



235500



00607E

Rectangle

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



183DB4



A00065



235500



005E2E

Sweetspot

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



183DB4



AEBCEB



18B48D



515A75



F5F5F5



757575

Same Dimension

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



183DB4



0038EB



3F18B4



505259



002499



00061A

Inverse Universe

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



B4183D



EB0038



8DB418



595052



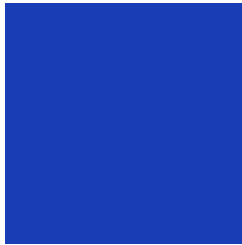
990024



1A0006

Previews

White Background



This preview shows how the Hex color 183DB4 looks on a white background.

Color Contrast Check

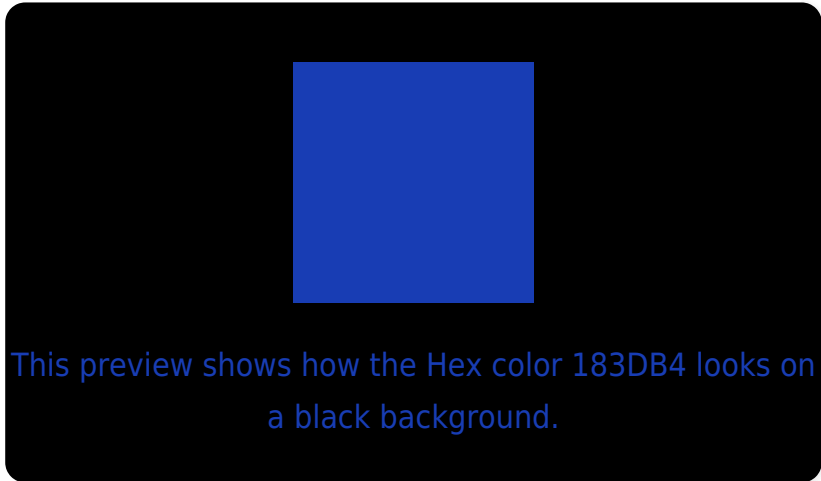
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 183DB4 Background



This preview shows how black text looks on a background with the Hex color 183DB4.



This preview shows how white text looks on a background with the Hex color 183DB4.

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



Original Color
183DB4

Protanopia
004796

Deuteranopia
004C80

Trichromacy



Original Color
183DB4

Protanomaly
0943A1

Deuteranomaly
094793

Tritanomaly
094A79

Monochromacy



Original Color
183DB4

Achromatopsia
404040

Achromatomaly
313F6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 183DB4 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 #183DB4 looks like.

```
.text, #text, p{  
    color:#183DB4  
}
```

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 #183DB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #183DB4
}
```

Border

The CSS property to change the border of an element to Hex 183DB4 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
#183DB4 }
```

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

```
.border{ border-color:#183DB4 }
```

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

Here you see how a box with a 4 pixel #183DB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #183DB4; -webkit-box-shadow:4px 4px  
4px 4px #183DB4; box-shadow:4px 4px 4px  
4px #183DB4 }
```

Background

The CSS property to change the background color of an element to Hex 183DB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#183DB4 }
```

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

```
.background{ background-color:#183DB4 }
```

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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