

Converting Colors

Hex(185DB4)

Have a look what the booklet for
Hex(185DB4) contains.

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Color

Hex(185DB4)

Conversions

Conversions Part 1

Format	Color
Hex	185DB4
RGB	24, 93, 180
RGB Percent	9%, 36%, 71%
CMY	0.9059, 0.6353, 0.2941
CMYK	0.87, 0.48, 0.00, 0.29
HSL	213°, 76%, 40%
HSV	213°, 87%, 71%
XYZ	12.5293, 11.3182, 44.7043
YIQ	82.2870, -69.0510, 12.4290

Conversions

Conversions Part 2

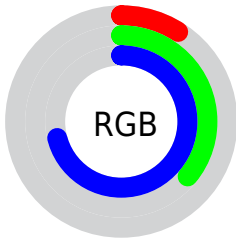
Format	Color
RYB	24, 72, 180
Decimal	1596852
CIELab	40.11, 12.61, -51.90
CIELCh	40, 53.414, 283.654
Yxy	11.3182, 0.1828, 0.1651
Android (android.graphics.Color)	4279786932 (0xFF185DB4)
YUV	82.2870, 48.1725, -51.1177
Hunter-Lab	33.6425, 7.6032, -55.2350

Details

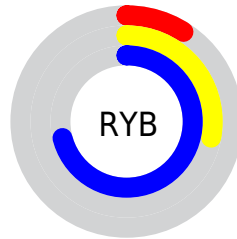
The Hex color **185DB4** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B46F18**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **628FEC**, and **00307E** is the 20% darker color. If you saturate the color by 10%, you get **0653B4**, and if you desaturate by 10%, it is **2A67B4**.

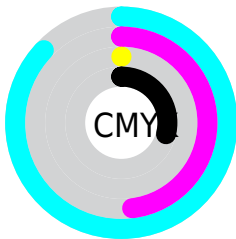
Distribution



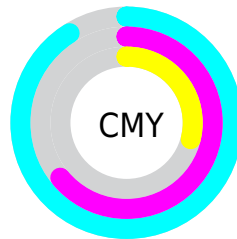
- Red (9%)
- Green (36%)
- Blue (71%)



- Red (9%)
- Yellow (28%)
- Blue (71%)



- Cyan (87%)
- Magenta (48%)
- Yellow (0%)
- Black (29%)



- Cyan (91%)
- Magenta (64%)
- Yellow (29%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 185DB4 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 185DB4 by changing the saturation by 10% instead.

■ 185DB4

■ 185DB4

FFFFFF

■ 004699

■ 628FEC

■ 00307E

■ 81A9FF

■ 001D65

■ 9EC4FF

■ 00004C

■ BCE0FF

■ 000535

■ DAFcff

■ 00021E

■ F8FFFF

■ 000001

■ 000000

■ 185DB4

■ 185DB4

■ 0653B4

■ 2A67B4

■ 0050B4

■ 3C71B4

■ 4E7BB4

■ 6085B4

■ 728FB4

■ 8499B4

■ 96A3B4

■ A8ADB4

■ BAB7B4

Harmonies

Analogous

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



006AB3



185DB4



79499E

Triad

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



185DB4



A14023



007144

Complementary

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



185DB4



B46F18

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.



2C6C17



185DB4



865400

Square

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



185DB4



AC2F4D



606300



007272

Rectangle

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



185DB4



963A86



606300



007035

Sweetspot

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



185DB4



AEC9EB



18B46E



516175



F5F5F5



757575

Same Dimension

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



185DB4



0068EB



2018B4



505459



004499



000B1A

Inverse Universe

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



B4185D



EB0068



ACB418



595054



990044



1A000B

Previews

White Background



This preview shows how the Hex color 185DB4 looks on a white background.

Color Contrast Check

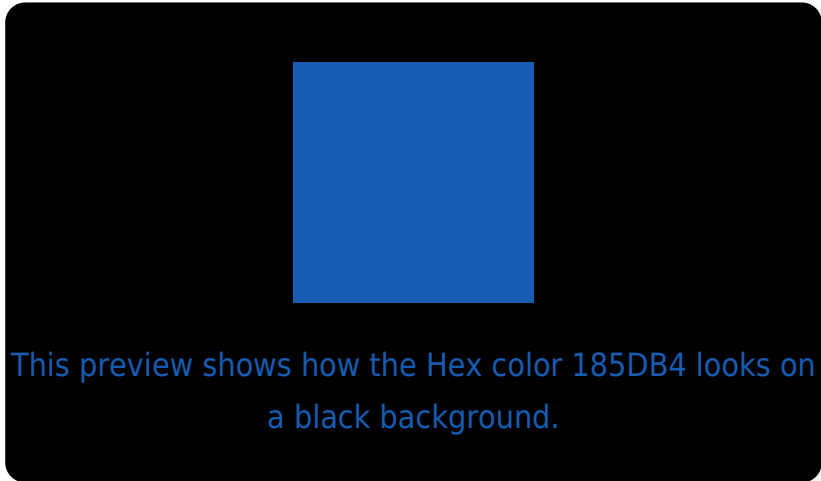
Large Text (above 18pt) WCAG AA ✓ Pass

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

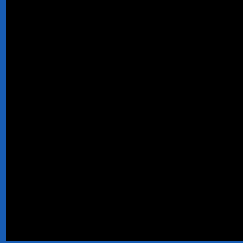
Any Text WCAG AA × Fail

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 185DB4 Background



This preview shows how black text looks on a background with the Hex color 185DB4.

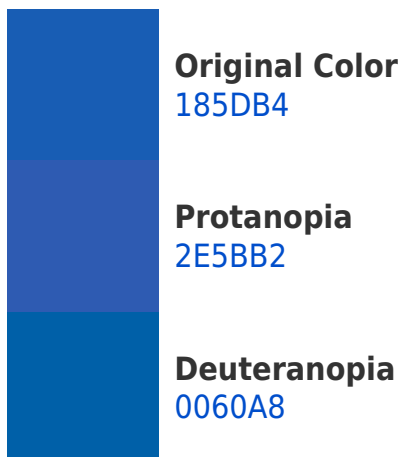


This preview shows how white text looks on a background with the Hex color 185DB4.

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
006970

Trichromacy



Original Color
185DB4

Protanomaly
265CB3

Deuteranomaly
095FAC

Tritanomaly
096589

Monochromacy



Original Color
185DB4

Achromatopsia
525252

Achromatomaly
3D5676

CSS Examples

Text

The CSS property to change the color of the text to Hex 185DB4 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 #185DB4 looks like.

```
.text, #text, p{  
    color:#185DB4  
}
```

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 #185DB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #185DB4
}
```

Border

The CSS property to change the border of an element to Hex 185DB4 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
#185DB4 }
```

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

```
.border{ border-color:#185DB4 }
```

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

Here you see how a box with a 4 pixel #185DB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #185DB4; -webkit-box-shadow:4px 4px  
4px 4px #185DB4; box-shadow:4px 4px 4px  
4px #185DB4 }
```

Background

The CSS property to change the background color of an element to Hex 185DB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#185DB4 }
```

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

```
.background{ background-color:#185DB4 }
```

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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