

Converting Colors

Hex(1D5CB3)

Have a look what the booklet for
Hex(1D5CB3) contains.

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Color

Hex(1D5CB3)

Conversions

Conversions Part 1

Format	Color
Hex	1D5CB3
RGB	29, 92, 179
RGB Percent	11%, 36%, 70%
CMY	0.8863, 0.6392, 0.2980
CMYK	0.84, 0.49, 0.00, 0.30
HSL	215°, 72%, 41%
HSV	215°, 84%, 70%
XYZ	12.4705, 11.1702, 44.1466
YIQ	83.0810, -65.4750, 13.7010

Conversions

Conversions Part 2

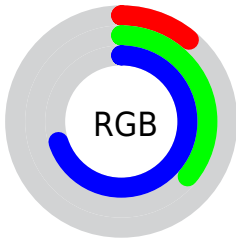
Format	Color
R_{YB}	29, 73, 179
Decimal	1924275
CIE _{Lab}	39.87, 13.27, -51.71
CIE _{LCh}	40, 53.383, 284.393
Yxy	11.1702, 0.1840, 0.1648
Android (android.graphics.Color)	4280114355 (0xFF1D5CB3)
YUV	83.0810, 47.2881, -47.4290
Hunter-Lab	33.4218, 8.1147, -54.9204

Details

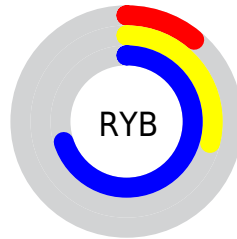
The Hex color **1D5CB3** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B3741D**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **648EEB**, and **002F7D** is the 20% darker color. If you saturate the color by 10%, you get **0B52B3**, and if you desaturate by 10%, it is **2F66B3**.

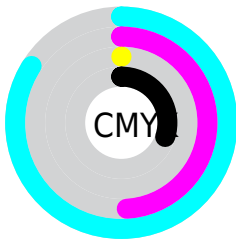
Distribution



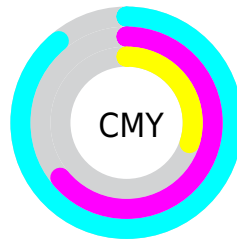
- Red (11%)
- Green (36%)
- Blue (70%)



- Red (11%)
- Yellow (29%)
- Blue (70%)



- Cyan (84%)
- Magenta (49%)
- Yellow (0%)
- Black (30%)



- Cyan (89%)
- Magenta (64%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D5CB3 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 1D5CB3 by changing the saturation by 10% instead.

 1D5CB3

 1D5CB3

FFFFFF

 004598

 648EEB

 002F7D

 82A8FF

 001C64

 A0C3FF

 00004B

 BDDFFF

 000434

 DBFBFF

 00021E

 F9FFFF

 000000

 1D5CB3

 1D5CB3

 0B52B3

 2F66B3

■ 004BB3

■ 4171B3

■ 537BB3

■ 6586B3

■ 7790B3

■ 889AB3

■ 9AA5B3

■ ACAFB3

■ BEB9B3

Harmonies

Analogous

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



0069B2



1D5CB3



7A489D

Triad

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



1D5CB3



A04022



007045

Complementary

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



1D5CB3



B3741D

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.



296C18



1D5CB3



845400

Square

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



1D5CB3



AB2F4B



5E6200



007272

Rectangle

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



1D5CB3



963984



5E6200



006F36

Sweetspot

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



1D5CB3



AEC6E8



1DB372



526175



F5F5F5



757575

Same Dimension

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



1D5CB3



0061E8



271DB3



505459



004099



000B1A

Inverse Universe

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



B31D5C



E80061



A9B31D



595054



990040



1A000B

Previews

White Background



This preview shows how the Hex color 1D5CB3 looks on a white background.

Color Contrast Check

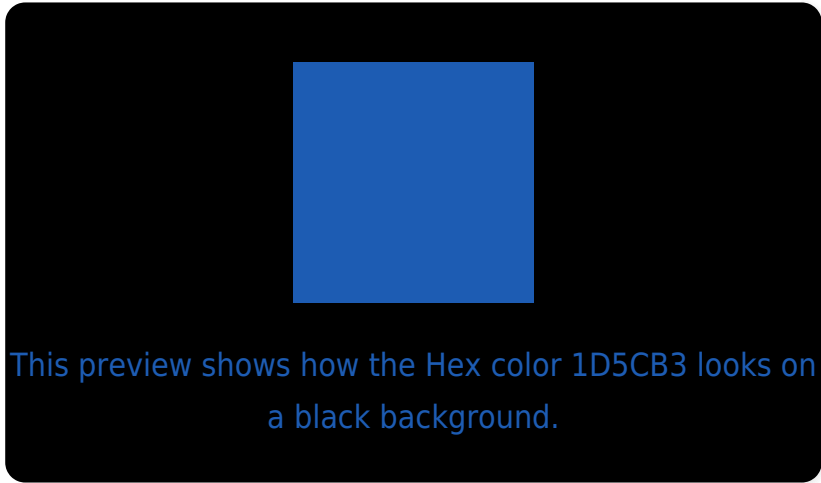
Large Text (above 18pt) WCAG AA ✓ Pass

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 1D5CB3 Background



This preview shows how black text looks on a background with the Hex color 1D5CB3.

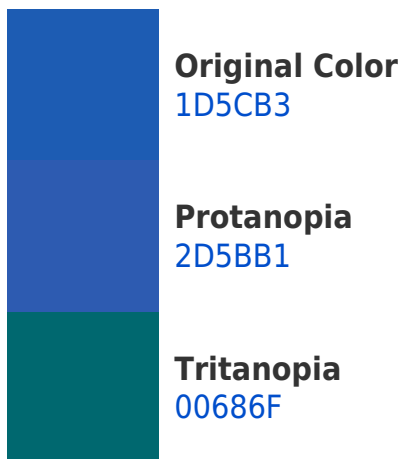


This preview shows how white text looks on a background with the Hex color 1D5CB3.

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



Trichromacy



Original Color
1D5CB3

Protanomaly
275BB2

Tritanomaly
0B6488

Monochromacy



Original Color
1D5CB3

Achromatopsia
535353

Achromatomaly
3F5676

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D5CB3 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 #1D5CB3 looks like.

```
.text, #text, p{  
    color:#1D5CB3  
}
```

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 #1D5CB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D5CB3
}
```

Border

The CSS property to change the border of an element to Hex 1D5CB3 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
#1D5CB3 }
```

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

```
.border{ border-color:#1D5CB3 }
```

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

Here you see how a box with a 4 pixel #1D5CB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D5CB3; -webkit-box-shadow:4px 4px  
4px 4px #1D5CB3; box-shadow:4px 4px 4px  
4px #1D5CB3 }
```

Background

The CSS property to change the background color of an element to Hex 1D5CB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D5CB3 }
```

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

```
.background{ background-color:#1D5CB3 }
```

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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