

Converting Colors

Hex(1853D3)

Have a look what the booklet for
Hex(1853D3) contains.

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Color

Hex(1853D3)

Conversions

Conversions Part 1

Format	Color
Hex	1853D3
RGB	24, 83, 211
RGB Percent	9%, 33%, 83%
CMY	0.9059, 0.6745, 0.1725
CMYK	0.89, 0.61, 0.00, 0.17
HSL	221°, 80%, 46%
HSV	221°, 89%, 83%
XYZ	15.2278, 11.0839, 62.9648
YIQ	79.9510, -76.2520, 27.3000

Conversions

Conversions Part 2

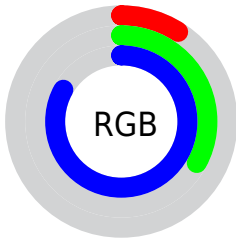
Format	Color
R _Y B	24, 69, 211
Decimal	1594323
CIE Lab	39.72, 31.38, -70.55
CIE LCh	40, 77.220, 293.981
Yxy	11.0839, 0.1706, 0.1242
Android (android.graphics.Color)	4279784403 (0xFF1853D3)
YUV	79.9510, 64.6072, -49.0690
Hunter-Lab	33.2924, 23.3834, -88.8285

Details

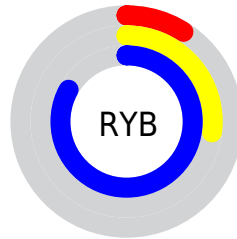
The Hex color **1853D3** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **D39818**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **6C84FF**, and **00289B** is the 20% darker color. If you saturate the color by 10%, you get **0345D3**, and if you desaturate by 10%, it is **2D61D3**.

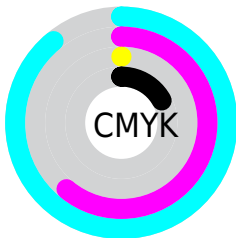
Distribution



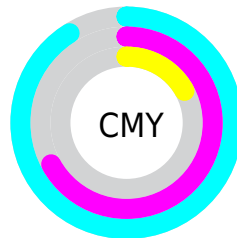
- Red (9%)
- Green (33%)
- Blue (83%)



- Red (9%)
- Yellow (27%)
- Blue (83%)



- Cyan (89%)
- Magenta (61%)
- Yellow (0%)
- Black (17%)



- Cyan (91%)
- Magenta (67%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1853D3 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 1853D3 by changing the saturation by 10% instead.

■ 1853D3

■ 1853D3

FFFFFF

■ 003CB7

■ 6C84FF

■ 00289B

■ 8C9EFF

■ 001680

■ ABB9FF

■ 000067

■ C9D4FF

■ 000A4D

■ E8F1FF

■ 000536

■ 00021F

■ 000003

■ 000000

■ 1853D3

■ 1853D3

■ 0345D3

■ 2D61D3

■ 0043D3

■ 4270D3

■ 577ED3

■ 6C8DD3

■ 829BD3

■ 97AAD3

■ ACB8D3

■ C1C7D3

■ D6D5D3

Harmonies

Analogous

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



006ADD



1853D3



9926A9

Triad

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



1853D3



AA3600



00764F

Complementary

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



1853D3



D39818

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.



007200



1853D3



7D5700

Square

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



1853D3



C40030



426900



007790

Rectangle

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



1853D3



B90082



426900



007538

Sweetspot

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



1853D3



BAD0FF



18D398



576480



000000



808080

Same Dimension

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



1853D3



0050FF



3A18D3



5E6169



0035A8



000D29

Inverse Universe

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



D31853



FF0050



B1D318



695E61



A80035



29000D

Previews

White Background



This preview shows how the Hex color 1853D3 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



This preview shows how the Hex color 1853D3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

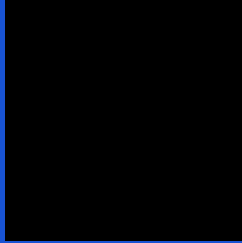
Any Text WCAG AA × Fail

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 1853D3 Background



This preview shows how black text looks on a background with the Hex color 1853D3.



This preview shows how white text looks on a background with the Hex color 1853D3.

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



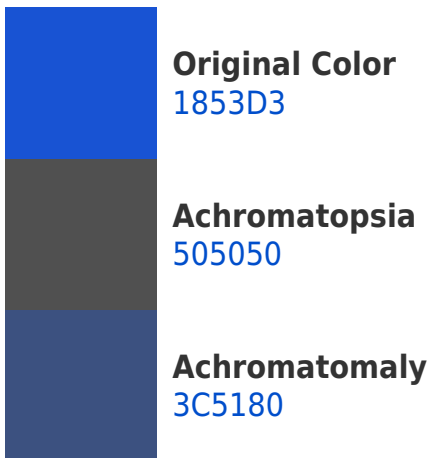


Tritanopia
00676E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1853D3 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 #1853D3 looks like.

```
.text, #text, p{  
    color:#1853D3  
}
```

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 #1853D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1853D3
}
```

Border

The CSS property to change the border of an element to Hex 1853D3 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
#1853D3 }
```

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

```
.border{ border-color:#1853D3 }
```

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

Here you see how a box with a 4 pixel #1853D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1853D3; -webkit-box-shadow:4px 4px  
4px 4px #1853D3; box-shadow:4px 4px 4px  
4px #1853D3 }
```

Background

The CSS property to change the background color of an element to Hex 1853D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1853D3 }
```

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

```
.background{ background-color:#1853D3 }
```

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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