

Converting Colors

Hex(1844D5)

Have a look what the booklet for
Hex(1844D5) contains.

Hex(1844D5)	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(1844D5)

Conversions

Conversions Part 1

Format	Color
Hex	1844D5
RGB	24, 68, 213
RGB Percent	9%, 27%, 84%
CMY	0.9059, 0.7333, 0.1647
CMYK	0.89, 0.68, 0.00, 0.16
HSL	226°, 80%, 46%
HSV	226°, 89%, 84%
XYZ	14.4541, 9.1325, 63.9517
YIQ	71.3740, -72.7690, 35.7670

Conversions

Conversions Part 2

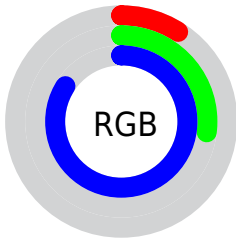
Format	Color
R_{YB}	24, 60, 213
Decimal	1590485
CIE Lab	36.24, 41.72, -77.43
CIE LCh	36, 87.950, 298.316
Yxy	9.1325, 0.1651, 0.1043
Android (android.graphics.Color)	4279780565 (0xFF1844D5)
YUV	71.3740, 69.8216, -41.5470
Hunter-Lab	30.2201, 32.4902, -104.3155

Details

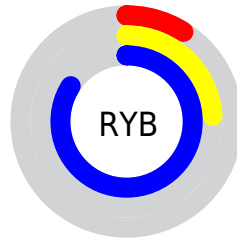
The Hex color **1844D5** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **D5A918**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **6D74FF**, and **001A9D** is the 20% darker color. If you saturate the color by 10%, you get **0334D5**, and if you desaturate by 10%, it is **2D54D5**.

Distribution



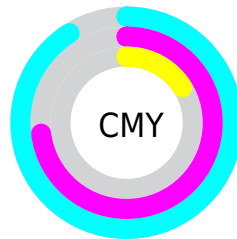
- Red (9%)
- Green (27%)
- Blue (84%)



- Red (9%)
- Yellow (24%)
- Blue (84%)



- Cyan (89%)
- Magenta (68%)
- Yellow (0%)
- Black (16%)



- Cyan (91%)
- Magenta (73%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1844D5 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 1844D5 by changing the saturation by 10% instead.

■ 1844D5

■ 1844D5

FFFFFF

■ 002EB9

■ 6D74FF

■ 001A9D

■ 8E8EFF

■ 000882

■ ADA8FF

■ 000068

■ CCC4FF

■ 000A4F

■ EBE0FF

■ 000537

■ FFFCFF

■ 000220

■ 000005

■ 000000

■ 1844D5

■ 1844D5

■ 0334D5

■ 2D54D5

■ 0032D5

■ 4365D5

■ 5875D5

■ 6D85D5

■ 8396D5

■ 98A6D5

■ ADB6D5

■ C2C7D5

■ D8D7D5

Harmonies

Analogous

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



0062E7



1844D5



A000A1

Triad

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



1844D5



A02B00



006E4F

Complementary

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



1844D5



D5A918

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.



006B00



1844D5



6C5200

Square

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



1844D5



C10018



1C6300



006F98

Rectangle

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



1844D5



BE0074



1C6300



006D36

Sweetspot

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



1844D5



BACAFF



18D5A9



576080



000000



808080

Same Dimension

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



1844D5



003BFF



4A18D5



60636B



0028AB



000A2B

Inverse Universe

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



D51844



FF003B



A3D518



6B6063



AB0028



2B000A

Previews

White Background



This preview shows how the Hex color 1844D5 looks on a white background.

Color Contrast Check

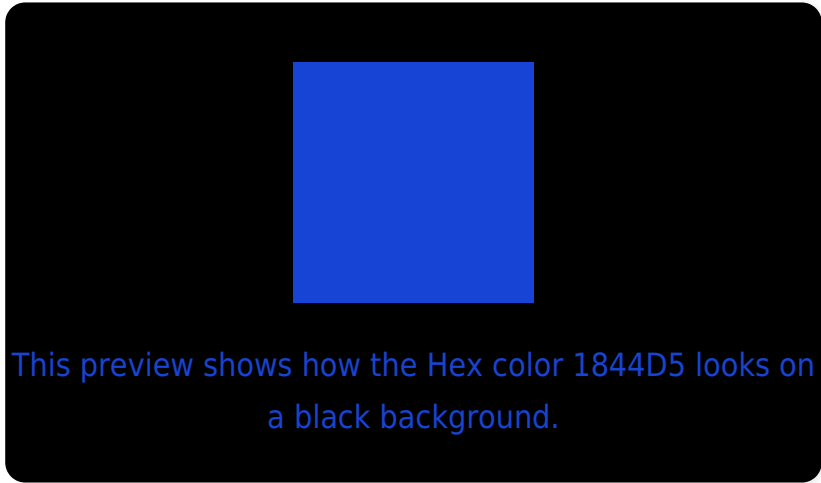
Large Text (above 18pt) WCAG AA ✓ Pass

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

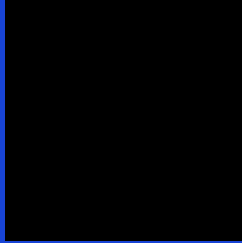
Any Text WCAG AA × Fail

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 1844D5 Background



This preview shows how black text looks on a background with the Hex color 1844D5.



This preview shows how white text looks on a background with the Hex color 1844D5.

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
1844D5

Protanopia
0052AC

Deuteranopia
005793



Tritanopia
005E63

Trichromacy



Original Color
1844D5

Protanomaly
094DBB

Deuteranomaly
0950AB

Tritanomaly
09558C

Monochromacy



Original Color
1844D5

Achromatopsia
474747

Achromatomaly
36467B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1844D5 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 #1844D5 looks like.

```
.text, #text, p{  
    color:#1844D5  
}
```

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 #1844D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1844D5
}
```

Border

The CSS property to change the border of an element to Hex 1844D5 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
#1844D5 }
```

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

```
.border{ border-color:#1844D5 }
```

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

Here you see how a box with a 4 pixel #1844D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1844D5; -webkit-box-shadow:4px 4px  
4px 4px #1844D5; box-shadow:4px 4px 4px  
4px #1844D5 }
```

Background

The CSS property to change the background color of an element to Hex 1844D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1844D5 }
```

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

```
.background{ background-color:#1844D5 }
```

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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