

Converting Colors

Hex(1D48BD)

Have a look what the booklet for
Hex(1D48BD) contains.

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Color

Hex(1D48BD)

Conversions

Conversions Part 1

Format	Color
Hex	1D48BD
RGB	29, 72, 189
RGB Percent	11%, 28%, 74%
CMY	0.8863, 0.7176, 0.2588
CMYK	0.85, 0.62, 0.00, 0.26
HSL	224°, 73%, 43%
HSV	224°, 85%, 74%
XYZ	12.0094, 8.5701, 49.1653
YIQ	72.4810, -63.1850, 27.2710

Conversions

Conversions Part 2

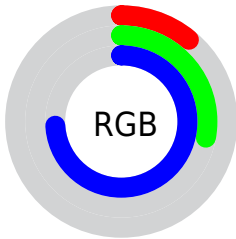
Format	Color
R _Y B	29, 63, 189
Decimal	1919165
CIE Lab	35.14, 30.45, -65.26
CIE LCh	35, 72.015, 295.017
Yxy	8.5701, 0.1722, 0.1229
Android (android.graphics.Color)	4280109245 (0xFF1D48BD)
YUV	72.4810, 57.4439, -38.1328
Hunter-Lab	29.2747, 21.9955, -79.0823

Details

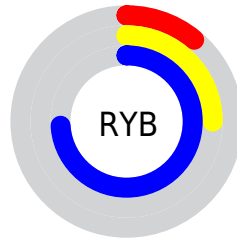
The Hex color **1D48BD** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **BD921D**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **6878F6**, and **001E86** is the 20% darker color. If you saturate the color by 10%, you get **0A3ABD**, and if you desaturate by 10%, it is **3056BD**.

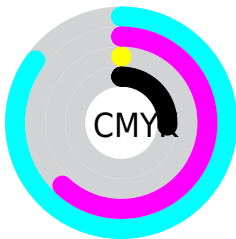
Distribution



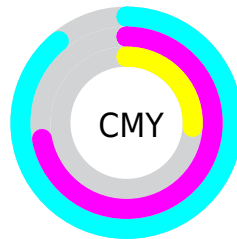
- Red (11%)
- Green (28%)
- Blue (74%)



- Red (11%)
- Yellow (25%)
- Blue (74%)



- Cyan (85%)
- Magenta (62%)
- Yellow (0%)
- Black (26%)



- Cyan (89%)
- Magenta (72%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D48BD 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 1D48BD by changing the saturation by 10% instead.

■ 1D48BD

FFFFFF

■ 6878F6

■ 8792FF

■ A5ACFF

■ C3C7FF

■ E2E3FF

■ 1D48BD

■ 0032A1

■ 001E86

■ 000B6C

■ 000453

■ 00063B

■ 000224

■ 00000C

■ 000000

■ 1D48BD

■ 1D48BD

■ 0A3ABD

■ 3056BD

■ 0033BD

■ 4364BD

■ 5671BD

■ 697FBD

■ 7C8DBD

■ 8E9BBD

■ A1A9BD

■ B4B7BD

■ C7C4BD

Harmonies

Analogous

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



005EC8



1D48BD



8B1D96

Triad

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



1D48BD



972F00



006847

Complementary

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



1D48BD



BD921D

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.



006500



1D48BD



6E4D00

Square

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



1D48BD



AF0027



365D00



006982

Rectangle

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



1D48BD



A70072



365D00



006832

Sweetspot

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



1D48BD



B8C8F5



1DBD90



56607A



FAFAFA



7A7A7A

Same Dimension

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



1D48BD



0042F5



401DBD



55575E



002A9E



00081F

Inverse Universe

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



BD1D48



F50042



9ABD1D



5E5557



9E002A



1F0008

Previews

White Background



This preview shows how the Hex color 1D48BD looks on a white background.

Color Contrast Check

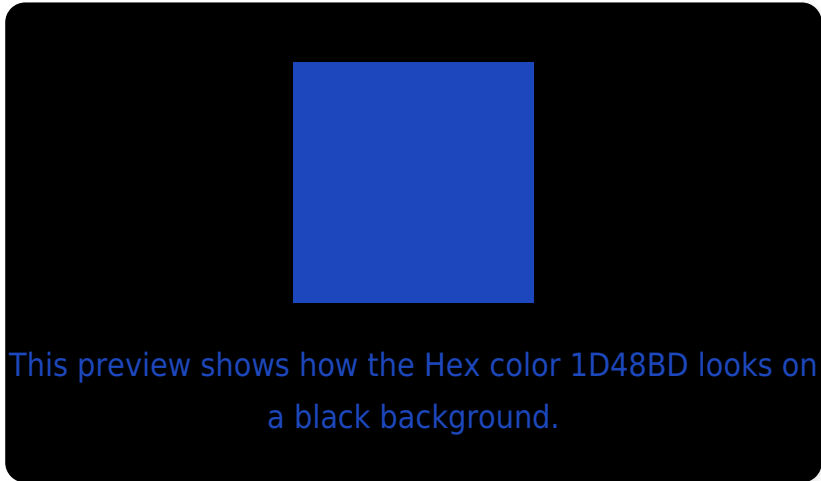
Large Text (above 18pt) WCAG AA ✓ Pass

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

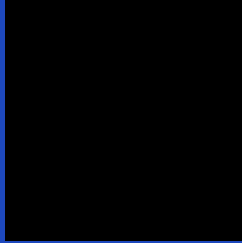
Any Text WCAG AA × Fail

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 1D48BD Background



This preview shows how black text looks on a background with the Hex color 1D48BD.



This preview shows how white text looks on a background with the Hex color 1D48BD.

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
1D48BD

Protanopia
004FA8

Deuteranopia
005590



Tritanopia
005B61

Trichromacy



Original Color
1D48BD

Protanomaly
0B4CB0

Deuteranomaly
0B50A0

Tritanomaly
0B5482

Monochromacy



Original Color
1D48BD

Achromatopsia
484848

Achromatomaly
384873

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D48BD 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 #1D48BD looks like.

```
.text, #text, p{  
    color:#1D48BD  
}
```

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 #1D48BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D48BD
}
```

Border

The CSS property to change the border of an element to Hex 1D48BD 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
#1D48BD }
```

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

```
.border{ border-color:#1D48BD }
```

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

Here you see how a box with a 4 pixel #1D48BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D48BD; -webkit-box-shadow:4px 4px  
4px 4px #1D48BD; box-shadow:4px 4px 4px  
4px #1D48BD }
```

Background

The CSS property to change the background color of an element to Hex 1D48BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D48BD }
```

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

```
.background{ background-color:#1D48BD }
```

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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