

Converting Colors

Hex(1E49BD)

Have a look what the booklet for
Hex(1E49BD) contains.

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Color

Hex(1E49BD)

Conversions

Conversions Part 1

Format	Color
Hex	1E49BD
RGB	30, 73, 189
RGB Percent	12%, 29%, 74%
CMY	0.8824, 0.7137, 0.2588
CMYK	0.84, 0.61, 0.00, 0.26
HSL	224°, 73%, 43%
HSV	224°, 84%, 74%
XYZ	12.1033, 8.7152, 49.1884
YIQ	73.3670, -62.8640, 26.9600

Conversions

Conversions Part 2

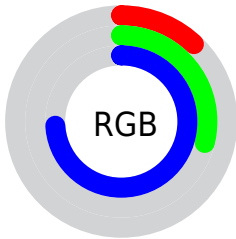
Format	Color
R_{YB}	30, 64, 189
Decimal	1984957
CIE _{Lab}	35.43, 29.87, -64.79
CIE _{LCh}	35, 71.342, 294.751
Yxy	8.7152, 0.1729, 0.1245
Android (android.graphics.Color)	4280175037 (0xFF1E49BD)
YUV	73.3670, 57.0071, -38.0329
Hunter-Lab	29.5216, 21.5188, -78.1230




Details

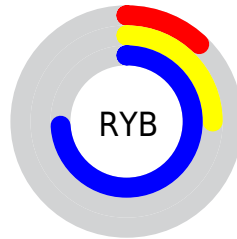
The Hex color **1E49BD** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **BD921E**, and the grayscale version is **494949**.




A 20% lighter version of the original color is **6979F6**, and **001F86** is the 20% darker color. If you saturate the color by 10%, you get **0B3BBD**, and if you desaturate by 10%, it is **3157BD**.

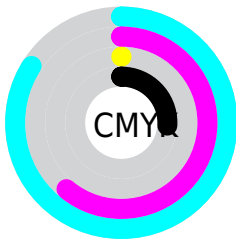
Distribution







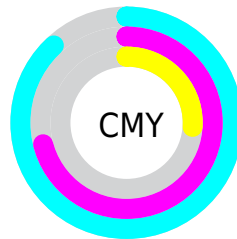
-  Red (12%)
-  Green (29%)
-  Blue (74%)






-  Red (12%)
-  Yellow (25%)
-  Blue (74%)



-  Cyan (84%)
-  Magenta (61%)
-  Yellow (0%)
-  Black (26%)



-  Cyan (88%)
-  Magenta (71%)
-  Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E49BD 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 1E49BD by changing the saturation by 10% instead.

■ 1E49BD

■ 1E49BD

FFFFFF

■ 0033A1

■ 6979F6

■ 001F86

■ 8793FF

■ 000C6C

■ A5ADFF

■ 000353

■ C3C9FF

■ 00063B

■ E2E5FF

■ 000224

■ 00000C

■ 000000

■ 1E49BD

■ 1E49BD

■ 0B3BBD

■ 3157BD

■ 0033BD

■ 4465BD

■ 5772BD

■ 6A80BD

■ 7D8EBD

■ 8F9CBD

■ A2AABD

■ B5B7BD

■ C8C5BD

Harmonies

Analogous

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



005EC7



1E49BD



8B2096

Triad

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



1E49BD



983000



006947

Complementary

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



1E49BD



BD921E

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.



006600



1E49BD



6F4E00

Square

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



1E49BD



B00028



385E00



006A82

Rectangle

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



1E49BD



A70073



385E00



006833

Sweetspot

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



1E49BD



B8C8F5



1EBD90



56607A



FAFAFA



7A7A7A

Same Dimension

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



1E49BD



0042F5



401EBD



55575E



002B9E



00081F

Inverse Universe

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



BD1E49



F50042



9BBD1E



5E5557



9E002B



1F0008

Previews

White Background



This preview shows how the Hex color 1E49BD looks on a white background.

Color Contrast Check

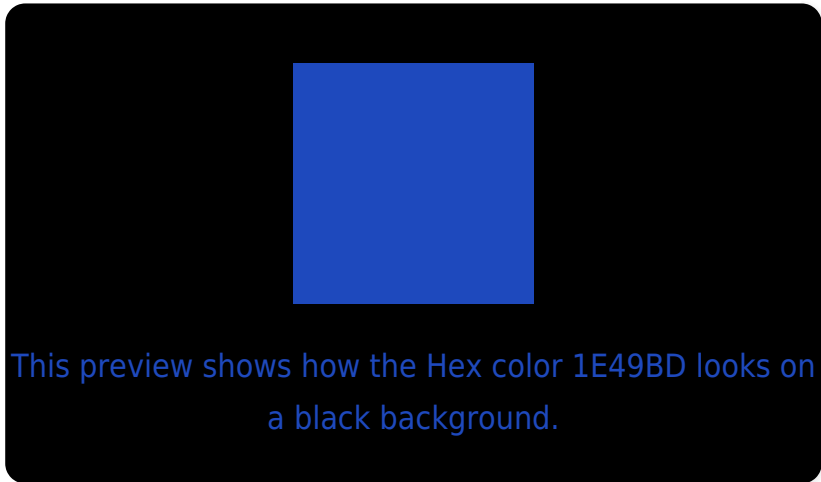
Large Text (above 18pt) WCAG AA ✓ Pass

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

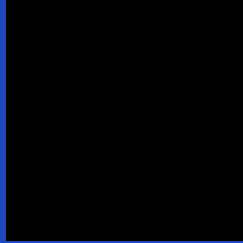
Any Text WCAG AA × Fail

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 1E49BD Background



This preview shows how black text looks on a background with the Hex color 1E49BD.

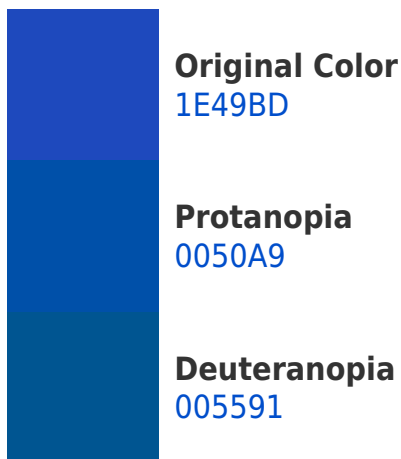


This preview shows how white text looks on a background with the Hex color 1E49BD.

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
005C62

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1E49BD 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 #1E49BD looks like.

```
.text, #text, p{  
    color:#1E49BD  
}
```

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 #1E49BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E49BD
}
```

Border

The CSS property to change the border of an element to Hex 1E49BD 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
#1E49BD }
```

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

```
.border{ border-color:#1E49BD }
```

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

Here you see how a box with a 4 pixel #1E49BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E49BD; -webkit-box-shadow:4px 4px  
4px 4px #1E49BD; box-shadow:4px 4px 4px  
4px #1E49BD }
```

Background

The CSS property to change the background color of an element to Hex 1E49BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E49BD }
```

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

```
.background{ background-color:#1E49BD }
```

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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