

Converting Colors

Hex(1D46AD)

Have a look what the booklet for
Hex(1D46AD) contains.

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Color

Hex(1D46AD)

Conversions

Conversions Part 1

Format	Color
Hex	1D46AD
RGB	29, 70, 173
RGB Percent	11%, 27%, 68%
CMY	0.8863, 0.7255, 0.3216
CMYK	0.83, 0.60, 0.00, 0.32
HSL	223°, 71%, 40%
HSV	223°, 83%, 68%
XYZ	10.2397, 7.6587, 40.4737
YIQ	69.4830, -57.4990, 23.3410

Conversions

Conversions Part 2

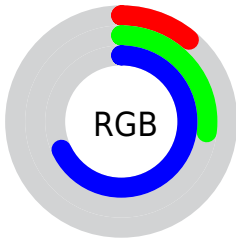
Format	Color
R_{YB}	29, 61, 173
Decimal	1918637
CIE _{Lab}	33.26, 25.58, -58.87
CIE _{LCh}	33, 64.186, 293.485
Yxy	7.6587, 0.1754, 0.1312
Android (android.graphics.Color)	4280108717 (0xFF1D46AD)
YUV	69.4830, 51.0339, -35.5036
Hunter-Lab	27.6743, 17.6163, -67.3399

Details

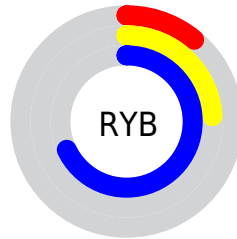
The Hex color **1D46AD** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **AD841D**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **6476E5**, and **001C78** is the 20% darker color. If you saturate the color by 10%, you get **0C3AAD**, and if you desaturate by 10%, it is **2E52AD**.

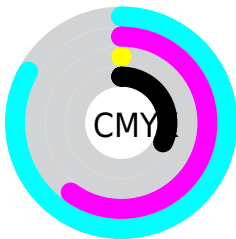
Distribution



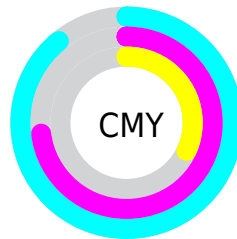
- Red (11%)
- Green (27%)
- Blue (68%)



- Red (11%)
- Yellow (24%)
- Blue (68%)



- Cyan (83%)
- Magenta (60%)
- Yellow (0%)
- Black (32%)



- Cyan (89%)
- Magenta (73%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D46AD 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 1D46AD by changing the saturation by 10% instead.

■ 1D46AD

■ 1D46AD

FFFFFF

■ 003092

■ 6476E5

■ 001C78

■ 828FFF

■ 00065E

■ 9FAAFF

■ 000845

■ BDC5FF

■ 00042E

■ DBE1FF

■ 000119

■ F9FDFF

■ 000000

■ 1D46AD

■ 1D46AD

■ 0C3AAD

■ 2E52AD

0031AD

405FAD

516BAD

6277AD

7484AD

8590AD

969DAD

A7A9AD

B9B5AD

Harmonies

Analogous

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



0058B5



1D46AD



7E258C

Triad

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



1D46AD



8D2F00



006241

Complementary

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



1D46AD



AD811D

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.



005F03



1D46AD



6A4800

Square

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



1D46AD



A2002A



3A5700



006376

Rectangle

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



1D46AD



98006C



3A5700



00612F

Sweetspot

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



1D46AD



A8B8E0



1DAD82



4F5870



F0F0F0



707070

Same Dimension

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



1D46AD



0040E0



3A1DAD



4E5057



002B96



000717

Inverse Universe

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



AD1D46



E00040



90AD1D



574E50



96002B



170007

Previews

White Background



This preview shows how the Hex color 1D46AD looks on a white background.

Color Contrast Check

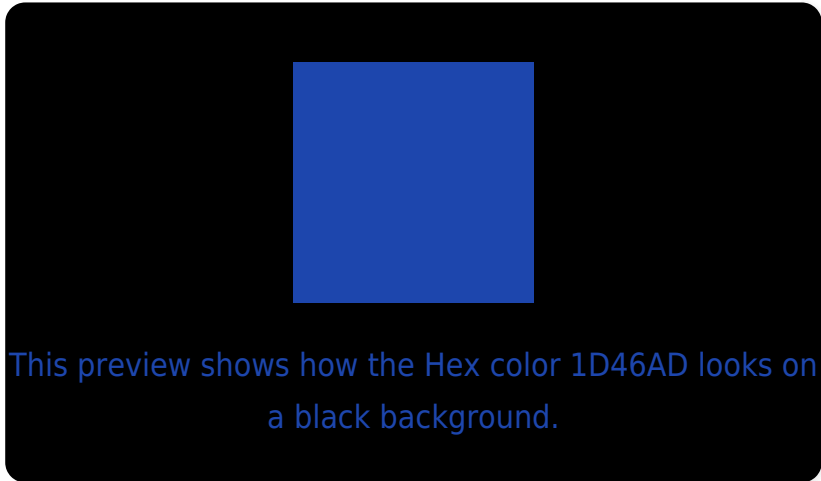
Large Text (above 18pt) WCAG AA ✓ Pass

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

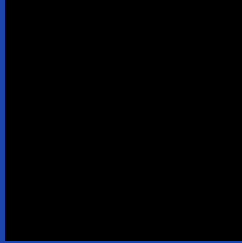
Any Text WCAG AA × Fail

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 1D46AD Background



This preview shows how black text looks on a background with the Hex color 1D46AD.



This preview shows how white text looks on a background with the Hex color 1D46AD.

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
1D46AD

Deuteranomaly
0B4C96

Tritanomaly
0B5179

Monochromacy



Original Color
1D46AD

Achromatopsia
454545

Achromatomaly
36456B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D46AD 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 #1D46AD looks like.

```
.text, #text, p{  
    color:#1D46AD  
}
```

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 #1D46AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D46AD
}
```

Border

The CSS property to change the border of an element to Hex 1D46AD 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
#1D46AD }
```

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

```
.border{ border-color:#1D46AD }
```

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

Here you see how a box with a 4 pixel #1D46AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D46AD; -webkit-box-shadow:4px 4px  
4px 4px #1D46AD; box-shadow:4px 4px 4px  
4px #1D46AD }
```

Background

The CSS property to change the background color of an element to Hex 1D46AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D46AD }
```

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

```
.background{ background-color:#1D46AD }
```

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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