

Converting Colors

Hex(1D52AB)

Have a look what the booklet for
Hex(1D52AB) contains.

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Color

Hex(1D52AB)

Conversions

Conversions Part 1

Format	Color
Hex	1D52AB
RGB	29, 82, 171
RGB Percent	11%, 32%, 67%
CMY	0.8863, 0.6784, 0.3294
CMYK	0.83, 0.52, 0.00, 0.33
HSL	218°, 71%, 39%
HSV	218°, 83%, 67%
XYZ	10.8747, 9.2361, 39.7377
YIQ	76.2990, -60.1570, 16.4430

Conversions

Conversions Part 2

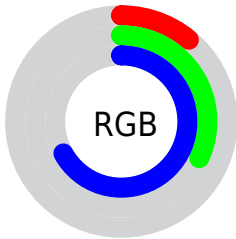
Format	Color
R _Y B	29, 68, 171
Decimal	1921707
CIE Lab	36.43, 16.72, -52.52
CIE LCh	36, 55.118, 287.660
Yxy	9.2361, 0.1817, 0.1543
Android (android.graphics.Color)	4280111787 (0xFF1D52AB)
YUV	76.2990, 46.6876, -41.4812
Hunter-Lab	30.3909, 10.6880, -56.2511

Details

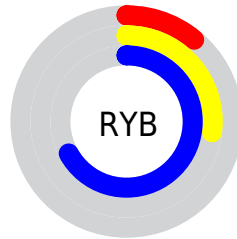
The Hex color **1D52AB** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **AB761D**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **6383E3**, and **002776** is the 20% darker color. If you saturate the color by 10%, you get **0C47AB**, and if you desaturate by 10%, it is **2E5DAB**.

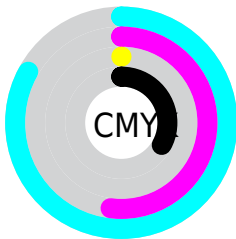
Distribution



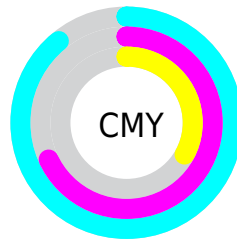
- Red (11%)
- Green (32%)
- Blue (67%)



- Red (11%)
- Yellow (27%)
- Blue (67%)



- Cyan (83%)
- Magenta (52%)
- Yellow (0%)
- Black (33%)



- Cyan (89%)
- Magenta (68%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D52AB 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 1D52AB by changing the saturation by 10% instead.

■ 1D52AB

■ 1D52AB

FFFFFF

■ 003B90

■ 6383E3

■ 002776

■ 809DFF

■ 00145D

■ 9EB7FF

■ 000644

■ BBD3FF

■ 00032D

■ D9EFFF

■ 000117

■ F7FFFF

■ 000000

■ 1D52AB

■ 1D52AB

■ 0C47AB

■ 2E5DAB

■ 0040AB

■ 3F67AB

■ 5072AB

■ 617DAB

■ 7288AB

■ 8492AB

■ 959DAB

■ A6A8AB

■ B7B2AB

Harmonies

Analogous

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



0060AD



1D52AB



773C92

Triad

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



1D52AB



953813



006841

Complementary

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



1D52AB



AB761D

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.



0E6411



1D52AB



784D00

Square

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



1D52AB



A2223E



505C00



00696F

Rectangle

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



1D52AB



922B78



505C00



006732

Sweetspot

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



1D52AB



A6BBDE



1DAB75



4F5B70



F0F0F0



707070

Same Dimension

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



1D52AB



0053DE



2E1DAB



4E5157



003896



000917

Inverse Universe

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



AB1D52



DE0053



9AAB1D



574E51



960038



170009

Previews

White Background



This preview shows how the Hex color 1D52AB looks on a white background.

Color Contrast Check

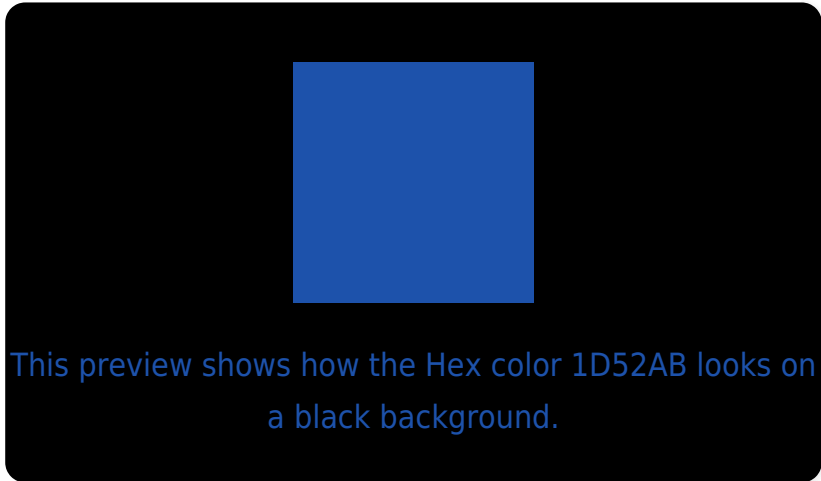
Large Text (above 18pt) WCAG AA ✓ Pass

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

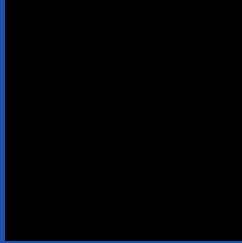
Any Text WCAG AA × Fail

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 1D52AB Background



This preview shows how black text looks on a background with the Hex color 1D52AB.



This preview shows how white text looks on a background with the Hex color 1D52AB.

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
1D52AB

Protanopia
1852AB

Deuteranopia
005798



Tritanopia
005F65

Trichromacy



Original Color
1D52AB

Protanomaly
1A52AB

Deuteranomaly
0B559F

Tritanomaly
0B5A7E

Monochromacy



Original Color
1D52AB

Achromatopsia
4C4C4C

Achromatomaly
3B4E6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D52AB 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 #1D52AB looks like.

```
.text, #text, p{  
    color:#1D52AB  
}
```

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 #1D52AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D52AB
}
```

Border

The CSS property to change the border of an element to Hex 1D52AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

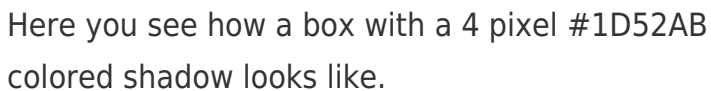
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1D52AB }
```

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

```
.border{ border-color:#1D52AB }
```

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



Here you see how a box with a 4 pixel #1D52AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D52AB; -webkit-box-shadow:4px 4px  
4px 4px #1D52AB; box-shadow:4px 4px 4px  
4px #1D52AB }
```

Background

The CSS property to change the background color of an element to Hex 1D52AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D52AB }
```

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

```
.background{ background-color:#1D52AB }
```

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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