

# Converting Colors

Hex(1A2CDA)

Have a look what the booklet for  
Hex(1A2CDA) contains.

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# Color

Hex(1A2CDA)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1A2CDA
RGB	26, 44, 218
RGB Percent	10%, 17%, 85%
CMY	0.8980, 0.8275, 0.1451
CMYK	0.88, 0.80, 0.00, 0.15
HSL	234°, 79%, 48%
HSV	234°, 88%, 85%
XYZ	13.9816, 7.0829, 66.9599
YIQ	58.4540, -66.5820, 50.2980

# Conversions

## Conversions Part 2

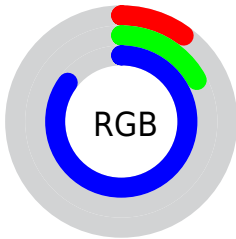
<b>Format</b>	<b>Color</b>
<b>RYB</b>	26, 42, 218
Decimal	1715418
CIELab	31.99, 57.07, -87.33
CIELCh	32, 104.321, 303.164
Yxy	7.0829, 0.1588, 0.0805
Android (android.graphics.Color)	4279905498 (0xFF1A2CDA)
YUV	58.4540, 78.6562, -28.4622
Hunter-Lab	26.6138, 47.2010, -130.5432

# Details

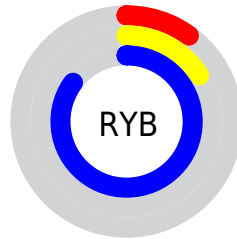
The Hex color **1A2CDA** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **DAC81A**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **725DFF**, and **0000A1** is the 20% darker color. If you saturate the color by 10%, you get **0418DA**, and if you desaturate by 10%, it is **3040DA**.

# Distribution



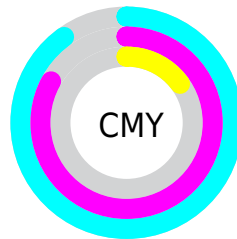
- Red (10%)
- Green (17%)
- Blue (85%)



- Red (10%)
- Yellow (16%)
- Blue (85%)



- Cyan (88%)
- Magenta (80%)
- Yellow (0%)
- Black (15%)



- Cyan (90%)
- Magenta (83%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A2CDA 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 1A2CDA by changing the saturation by 10% instead.



 1A2CDA

 1A2CDA

FFFFFF

 0013BD

 725DFF

 0000A1

 9377FF

 000086

 B391FF

 00026C

 D2ACFF

 000B52

 F2C8FF

 00063A

 FFE4FF

 000224

 00000B

 000000

■ 1A2CDA

■ 1A2CDA

■ 0418DA

■ 3040DA

■ 0014DA

■ 4654DA

■ 5B67DA

■ 717BDA

■ 878FDA

■ 9DA3DA

■ B3B6DA

■ C8CADA

■ DEDEDA

# Harmonies

## Analogous

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



0059F7



1A2CDA



AB0098

# Triad

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



1A2CDA



941D00



006553

# Complementary

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



1A2CDA



DAC81A

# 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.



006200



1A2CDA



554C00

# Square

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



1A2CDA



BF0000



005C00



0067A6

# Rectangle

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



1A2CDA



C70062



005C00



006435



# Sweetspot

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



1A2CDA



BDC3FF



1ADAC7



585C80



000000



808080



# Same Dimension

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



1A2CDA



0018FF



671ADA



63646E



0010AD



00042E



# Inverse Universe

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



DA1A2C



FF0018



8DDA1A



6E6364



AD0010

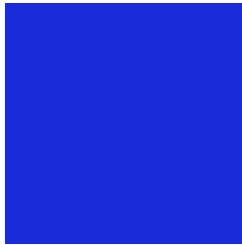


2E0004



# Previews

## White Background



This preview shows how the Hex color 1A2CDA looks on a white background.

## Color Contrast Check

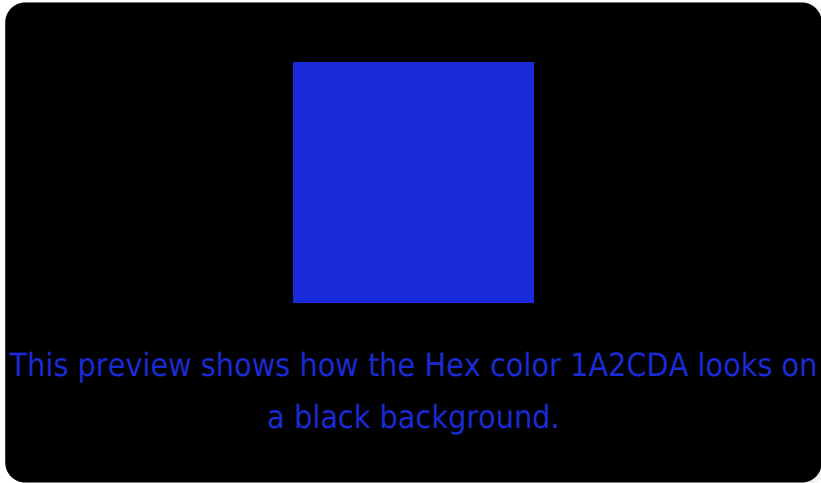
Large Text (above 18pt) WCAG AA ✓ Pass

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

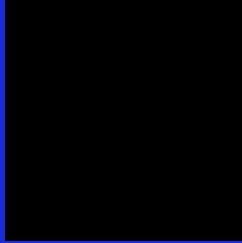
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1A2CDA Background



This preview shows how black text looks on a background with the Hex color 1A2CDA.

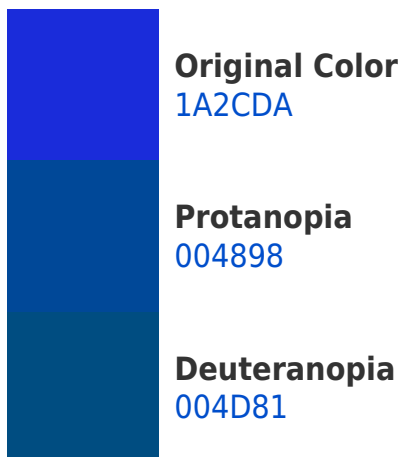


This preview shows how white text looks on a background with the Hex color 1A2CDA.

# 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**

1A2CDA

**Protanomaly**

093EB0

**Deuteranomaly**

0941A1

**Tritanomaly**

094587

# Monochromacy



**Original Color**

1A2CDA

**Achromatopsia**

3A3A3A

**Achromatomaly**

2E3574

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A2CDA 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 #1A2CDA looks like.

```
.text, #text, p{  
    color:#1A2CDA  
}
```

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 #1A2CDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A2CDA
}
```

## Border

The CSS property to change the border of an element to Hex 1A2CDA 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
#1A2CDA }
```

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

```
.border{ border-color:#1A2CDA }
```

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

Here you see how a box with a 4 pixel #1A2CDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A2CDA; -webkit-box-shadow:4px 4px  
4px 4px #1A2CDA; box-shadow:4px 4px 4px  
4px #1A2CDA }
```

# Background

The CSS property to change the background color of an element to Hex 1A2CDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A2CDA }
```

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

```
.background{ background-color:#1A2CDA }
```

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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