

# Converting Colors

Hex(1422A9)

Have a look what the booklet for  
Hex(1422A9) contains.

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# Color

**Hex(1422A9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1422A9
RGB	20, 34, 169
RGB Percent	8%, 13%, 66%
CMY	0.9216, 0.8667, 0.3373
CMYK	0.88, 0.80, 0.00, 0.34
HSL	234°, 79%, 37%
HSV	234°, 88%, 66%
XYZ	8.0220, 4.1574, 37.9158
YIQ	45.2040, -51.6790, 39.0170

# Conversions

## Conversions Part 2

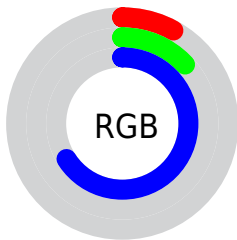
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 33, 169
Decimal	1319593
CIE Lab	24.18, 46.11, -71.42
CIE LCh	24, 85.015, 302.847
Yxy	4.1574, 0.1601, 0.0830
Android (android.graphics.Color)	4279509673 (0xFF1422A9)
YUV	45.2040, 61.0314, -22.1039
Hunter-Lab	20.3896, 34.5462, -95.9809

# Details

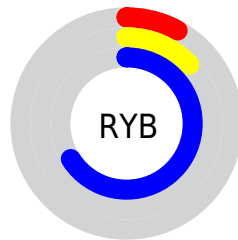
The Hex color **1422A9** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **A99B14**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **6251E2**, and **000073** is the 20% darker color. If you saturate the color by 10%, you get **0313A9**, and if you desaturate by 10%, it is **2531A9**.

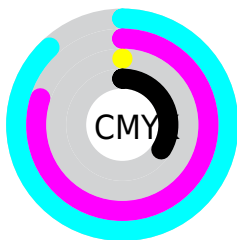
# Distribution



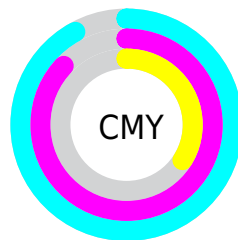
- Red (8%)
- Green (13%)
- Blue (66%)



- Red (8%)
- Yellow (13%)
- Blue (66%)



- Cyan (88%)
- Magenta (80%)
- Yellow (0%)
- Black (34%)



- Cyan (92%)
- Magenta (87%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1422A9 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 1422A9 by changing the saturation by 10% instead.



■ 1422A9

■ 1422A9

FFFFFF

■ 000B8E

■ 6251E2

■ 000073

■ 816AFF

■ 00005A

■ 9F83FF

■ 000741

■ BD9EFF

■ 00032A

■ DCB9FF

■ 000114

■ FAD5FF

■ 000000

■ FFF2FF

■ 1422A9

■ 1422A9

■ 0313A9

■ 2531A9

■ 0010A9

■ 3641A9

■ 4750A9

■ 585FA9

■ 686FA9

■ 797EA9

■ 8A8DA9

■ 9B9CA9

■ ACACA9

# Harmonies

## Analogous

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



0044BF



1422A9



840076

# Triad

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



1422A9



731600



004E3E

# Complementary

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



1422A9



A99B14

# 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.



004B00



1422A9



423A00

# Square

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



1422A9



940000



004700



004F7F

# Rectangle

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



1422A9



9A004C



004700



004D28



# Sweetspot

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



1422A9



A2A8DB



14A99A



4C4F6E



EDEDED



6E6E6E



# Same Dimension

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



1422A9



0015DB



5014A9



4C4D54



000E94



000214



# Inverse Universe

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



A91422



DB0015



6DA914



544C4D



94000E

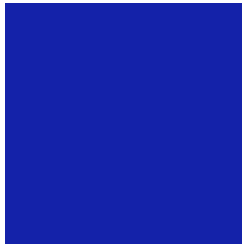


140002



# Previews

## White Background



This preview shows how the Hex color 1422A9 looks on a white background.

## Color Contrast Check

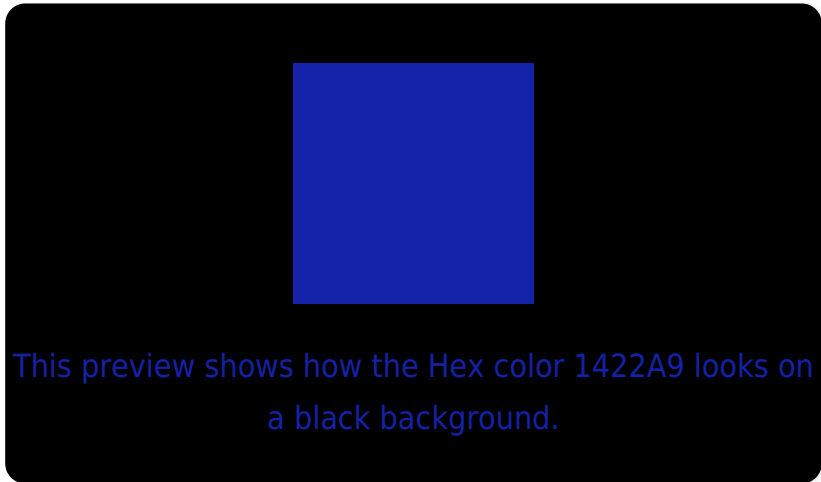
Large Text (above 18pt) WCAG AA ✓ Pass

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

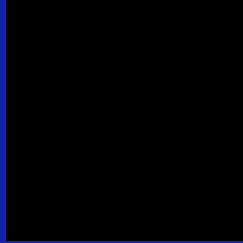
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1422A9 Background



This preview shows how black text looks on a background with the Hex color 1422A9.



This preview shows how white text looks on a background with the Hex color 1422A9.

# 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**  
1422A9

**Protanopia**  
003875

**Deuteranopia**  
003C64

# Trichromacy



**Original Color**  
1422A9

**Protanomaly**  
073088

**Deuteranomaly**  
07337D

# Monochromacy



**Original Color**  
1422A9

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
24295A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1422A9 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 #1422A9 looks like.

```
.text, #text, p{  
    color:#1422A9  
}
```

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 #1422A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1422A9
}
```

## Border

The CSS property to change the border of an element to Hex 1422A9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

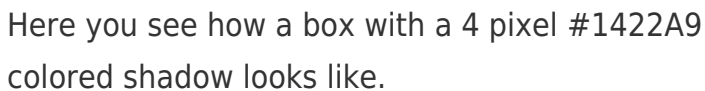
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1422A9 }
```

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

```
.border{ border-color:#1422A9 }
```

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



Here you see how a box with a 4 pixel #1422A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1422A9; -webkit-box-shadow:4px 4px  
4px 4px #1422A9; box-shadow:4px 4px 4px  
4px #1422A9 }
```

# Background

The CSS property to change the background color of an element to Hex 1422A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1422A9 }
```

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

```
.background{ background-color:#1422A9 }
```

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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