

# Converting Colors

Hex(1A30AC)

Have a look what the booklet for  
Hex(1A30AC) contains.

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# Color

Hex(1A30AC)

# Conversions

## Conversions Part 1

Format	Color
Hex	1A30AC
RGB	26, 48, 172
RGB Percent	10%, 19%, 67%
CMY	0.8980, 0.8118, 0.3255
CMYK	0.85, 0.72, 0.00, 0.33
HSL	231°, 74%, 39%
HSV	231°, 85%, 67%
XYZ	8.9293, 5.3121, 39.5844
YIQ	55.5580, -52.9160, 33.9000

# Conversions

## Conversions Part 2

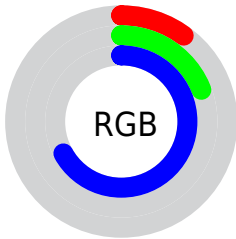
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 45, 172
Decimal	1716396
CIE <sub>Lab</sub>	27.61, 39.34, -67.56
CIE <sub>LCh</sub>	28, 78.179, 300.214
Yxy	5.3121, 0.1659, 0.0987
Android (android.graphics.Color)	4279906476 (0xFF1A30AC)
YUV	55.5580, 57.4059, -25.9224
Hunter-Lab	23.0479, 28.8215, -85.6960




# Details

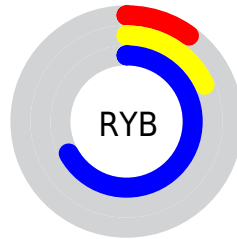
The Hex color **1A30AC** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **AC961A**, and the grayscale version is **373737**.




A 20% lighter version of the original color is **645FE5**, and **000776** is the 20% darker color. If you saturate the color by 10%, you get **0921AC**, and if you desaturate by 10%, it is **2B3FAC**.

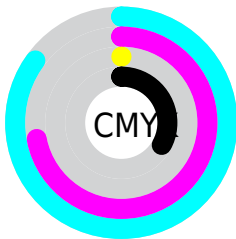
# Distribution







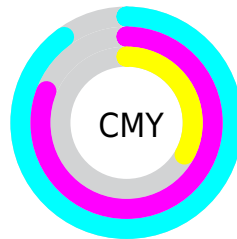
-  Red (10%)
-  Green (19%)
-  Blue (67%)






-  Red (10%)
-  Yellow (18%)
-  Blue (67%)



-  Cyan (85%)
-  Magenta (72%)
-  Yellow (0%)
-  Black (33%)



-  Cyan (90%)
-  Magenta (81%)
-  Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A30AC 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 1A30AC by changing the saturation by 10% instead.



■ 1A30AC

■ 1A30AC

FFFFFF

■ 001B91

■ 645FE5

■ 000776

■ 8378FF

■ 00005D

■ A192FF

■ 000744

■ BEACFF

■ 00032D

■ DCC8FF

■ 000117

■ FBE4FF

■ 000000

■ 1A30AC

■ 1A30AC

■ 0921AC

■ 2B3FAC

■ 001AAC

■ 3C4DAC

■ 4E5CAC

■ 5F6AAC

■ 7079AC

■ 8188AC

■ 9296AC

■ A4A5AC

■ B5B3AC

# Harmonies

## Analogous

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



004BBD



1A30AC



84007E

# Triad

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



1A30AC



7D1F00



005640

# Complementary

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



1A30AC



AC961A

# 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.



005300



1A30AC



504000

# Square

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



1A30AC



9B0008



004E00



00577D

# Rectangle

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



1A30AC



9B0058



004E00



00552B



# Sweetspot

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



1A30AC



A8B1E0



1AAC94



4F5470



F0F0F0



707070



# Same Dimension

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



1A30AC



0022E0



4B1AAC



4E4F57



001796



000317



# Inverse Universe

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



AC1A30



E00022



7BAC1A



574E4F



960017

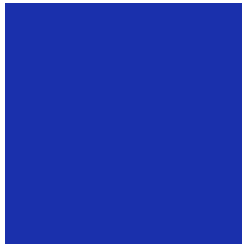


170003



# Previews

## White Background



This preview shows how the Hex color 1A30AC looks on a white background.

## Color Contrast Check

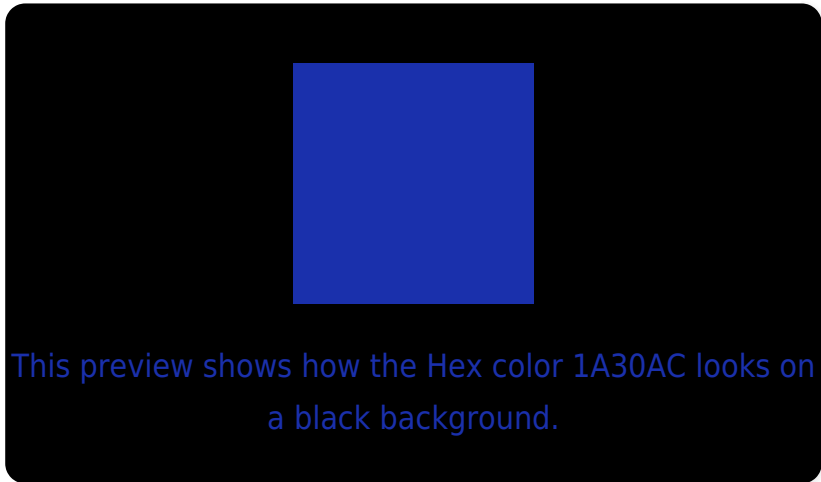
Large Text (above 18pt) WCAG AA ✓ Pass

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

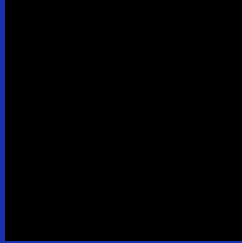
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1A30AC Background



This preview shows how black text looks on a background with the Hex color 1A30AC.



This preview shows how white text looks on a background with the Hex color 1A30AC.

# 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**  
1A30AC

**Protanopia**  
003F84

**Deuteranopia**  
004371



**Tritanopia**  
00484C

# Trichromacy



**Original Color**  
1A30AC

**Protanomaly**  
093A93

**Deuteranomaly**  
093C86

**Tritanomaly**  
093F6F

# Monochromacy



**Original Color**  
1A30AC

**Achromatopsia**  
383838

**Achromatomaly**  
2D3562

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A30AC 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 #1A30AC looks like.

```
.text, #text, p{  
    color:#1A30AC  
}
```

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 #1A30AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A30AC
}
```

## Border

The CSS property to change the border of an element to Hex 1A30AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

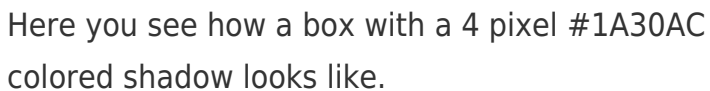
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A30AC }
```

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

```
.border{ border-color:#1A30AC }
```

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



Here you see how a box with a 4 pixel #1A30AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A30AC; -webkit-box-shadow:4px 4px  
4px 4px #1A30AC; box-shadow:4px 4px 4px  
4px #1A30AC }
```

# Background

The CSS property to change the background color of an element to Hex 1A30AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A30AC }
```

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

```
.background{ background-color:#1A30AC }
```

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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