

# Converting Colors

Hex(1B54CA)

Have a look what the booklet for  
Hex(1B54CA) contains.

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# Color

**Hex(1B54CA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1B54CA
RGB	27, 84, 202
RGB Percent	11%, 33%, 79%
CMY	0.8941, 0.6706, 0.2078
CMYK	0.87, 0.58, 0.00, 0.21
HSL	220°, 76%, 45%
HSV	220°, 87%, 79%
XYZ	14.2830, 10.8379, 57.2162
YIQ	80.4090, -71.8500, 24.6140

# Conversions

## Conversions Part 2

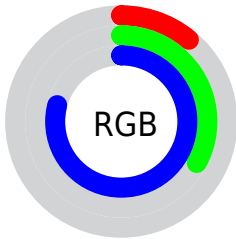
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	27, 70, 202
Decimal	1791178
CIE Lab	39.31, 27.44, -66.04
CIE LCh	39, 71.510, 292.562
Yxy	10.8379, 0.1735, 0.1316
Android (android.graphics.Color)	4279981258 (0xFF1B54CA)
YUV	80.4090, 59.9444, -46.8397
Hunter-Lab	32.9210, 19.8316, -80.0005

# Details

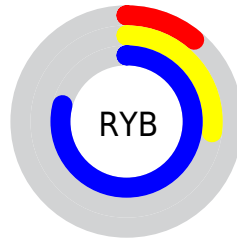
The Hex color **1B54CA** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **CA911B**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **6A85FF**, and **002993** is the 20% darker color. If you saturate the color by 10%, you get **0746CA**, and if you desaturate by 10%, it is **2F62CA**.

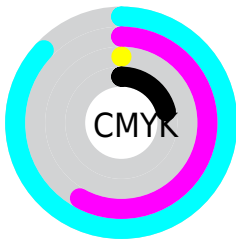
# Distribution



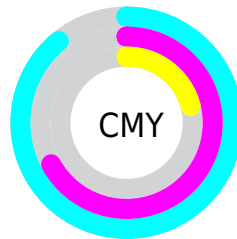
- Red (11%)
- Green (33%)
- Blue (79%)



- Red (11%)
- Yellow (27%)
- Blue (79%)



- Cyan (87%)
- Magenta (58%)
- Yellow (0%)
- Black (21%)



- Cyan (89%)
- Magenta (67%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1B54CA 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 1B54CA by changing the saturation by 10% instead.



 1B54CA

 1B54CA

FFFFFF

 003DAE

 6A85FF

 002993

 899FFF

 001678

 A8BAFF

 00005F

 C6D5FF

 000846

 E5F2FF

 00042F

 000119

 000000

 1B54CA

 1B54CA

■ 0746CA

■ 2F62CA

■ 0042CA

■ 436FCA

■ 587DCA

■ 6C8ACA

■ 8098CA

■ 94A6CA

■ A8B3CA

■ BDC1CA

■ D1CFCA

# Harmonies

## Analogous

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



0069D2



1B54CA



922FA4

# Triad

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



1B54CA



A63700



00734C

# Complementary

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



1B54CA



CA911B

# 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.



006F02



1B54CA



7E5500

# Square

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



1B54CA



BD0034



486600



007488

# Rectangle

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



1B54CA



B00081



486600



007237



# Sweetspot

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



1B54CA



BDD2FF



1BCA90



586580



000000



808080



# Same Dimension

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



1B54CA



0053FF



381BCA



5C5F66



0036A6



000C26



# Inverse Universe

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



CA1B54



FF0053



ADCA1B



665C5F



A60036



26000C



# Previews

## White Background



This preview shows how the Hex color 1B54CA looks on a white background.

## Color Contrast Check

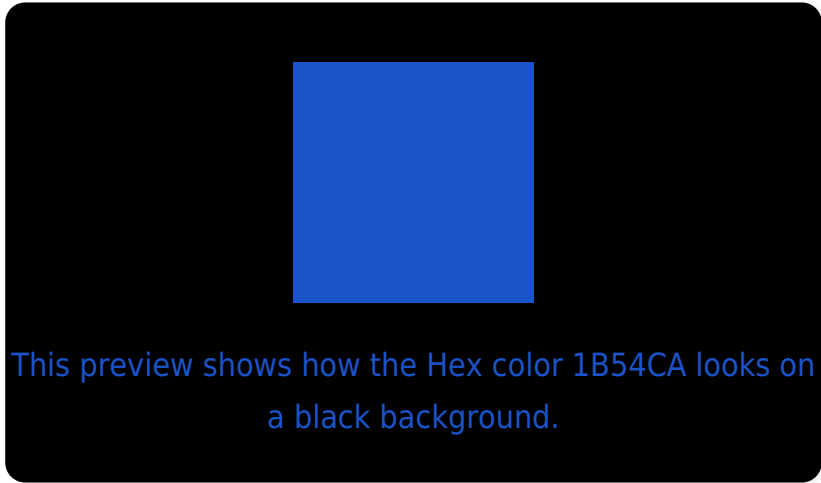
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

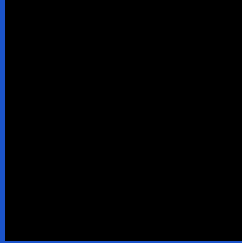
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1B54CA Background



This preview shows how black text looks on a background with the Hex color 1B54CA.

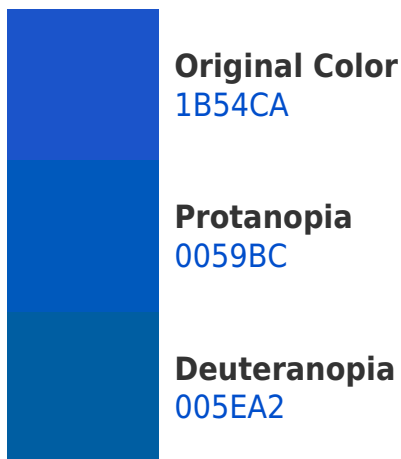


This preview shows how white text looks on a background with the Hex color 1B54CA.

# 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





**Tritanopia**  
00666D

# Trichromacy



**Original Color**  
1B54CA

**Protanomaly**  
0A57C1

**Deuteranomaly**  
0A5AB1

**Tritanomaly**  
0A5F8F

# Monochromacy



**Original Color**  
1B54CA

**Achromatopsia**  
505050

**Achromatomaly**  
3D517C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1B54CA 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 #1B54CA looks like.

```
.text, #text, p{  
    color:#1B54CA  
}
```

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 #1B54CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B54CA
}
```

## Border

The CSS property to change the border of an element to Hex 1B54CA 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
#1B54CA }
```

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

```
.border{ border-color:#1B54CA }
```

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

Here you see how a box with a 4 pixel #1B54CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B54CA; -webkit-box-shadow:4px 4px  
4px 4px #1B54CA; box-shadow:4px 4px 4px  
4px #1B54CA }
```

# Background

The CSS property to change the background color of an element to Hex 1B54CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B54CA }
```

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

```
.background{ background-color:#1B54CA }
```

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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