

# Converting Colors

Hex(147BCA)

Have a look what the booklet for  
Hex(147BCA) contains.

<b>Hex(147BCA)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(147BCA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	147BCA
RGB	20, 123, 202
RGB Percent	8%, 48%, 79%
CMY	0.9216, 0.5176, 0.2078
CMYK	0.90, 0.39, 0.00, 0.21
HSL	206°, 82%, 44%
HSV	206°, 90%, 79%
XYZ	18.0321, 18.5789, 58.5128
YIQ	101.2090, -86.7470, 2.7330

# Conversions

## Conversions Part 2

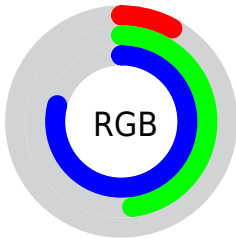
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 86, 202
Decimal	1342410
CIE <sub>Lab</sub>	50.19, 2.00, -48.48
CIE <sub>LCh</sub>	50, 48.521, 272.359
Yxy	18.5789, 0.1896, 0.1953
Android (android.graphics.Color)	4279532490 (0xFF147BCA)
YUV	101.2090, 49.6900, -71.2203
Hunter-Lab	43.1033, -0.7558, -50.3141

# Details

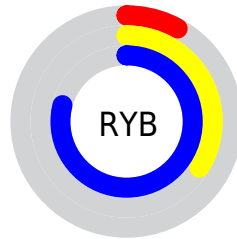
The Hex color **147BCA** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **CA6314**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **66AFFF**, and **004B93** is the 20% darker color. If you saturate the color by 10%, you get **0072CA**, and if you desaturate by 10%, it is **2884CA**.

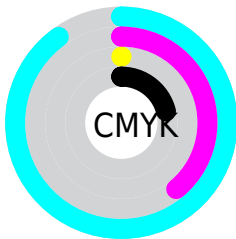
# Distribution



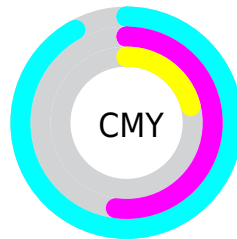
- Red (8%)
- Green (48%)
- Blue (79%)



- Red (8%)
- Yellow (34%)
- Blue (79%)



- Cyan (90%)
- Magenta (39%)
- Yellow (0%)
- Black (21%)



- Cyan (92%)
- Magenta (52%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 147BCA 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 147BCA by changing the saturation by 10% instead.



 147BCA

 147BCA

FFFFFF

 0062AE

 66AFFF

 004B93

 86CAFF

 003579

 A4E6FF

 002160

 C2FFFF

 000748

 E1FFFF

 000430

 00011A

 000000

 147BCA

 147BCA

■ 0072CA

■ 2884CA

■ 3C8DCA

■ 5195CA

■ 659ECA

■ 79A7CA

■ 8DB0CA

■ A1B8CA

■ B6C1CA

■ CACACA

# Harmonies

## Analogous

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



0086C0



147BCA



7D6BBD

# Triad

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



147BCA



BF574E



1E884F

# Complementary

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



147BCA



CA6314

# 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.



60822D



147BCA



AB672D

# Square

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



147BCA



C15176



8A761D



008B7A

# Rectangle

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



147BCA



9F5FAA



8A761D



3B8742

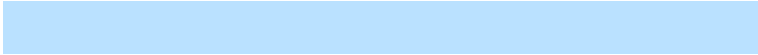


# Sweetspot

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



147BCA



BAE1FF



14CA63



576E80



000000



808080



# Same Dimension

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



147BCA



0090FF



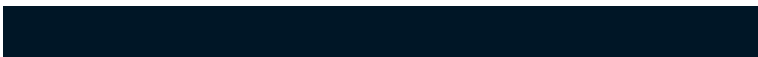
1420CA



5C6266



005EA6



001626



# Inverse Universe

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



CA147B



FF0090



CABE14



665C62



A6005E



260016



# Previews

## White Background



This preview shows how the Hex color 147BCA looks on a white background.

## Color Contrast Check

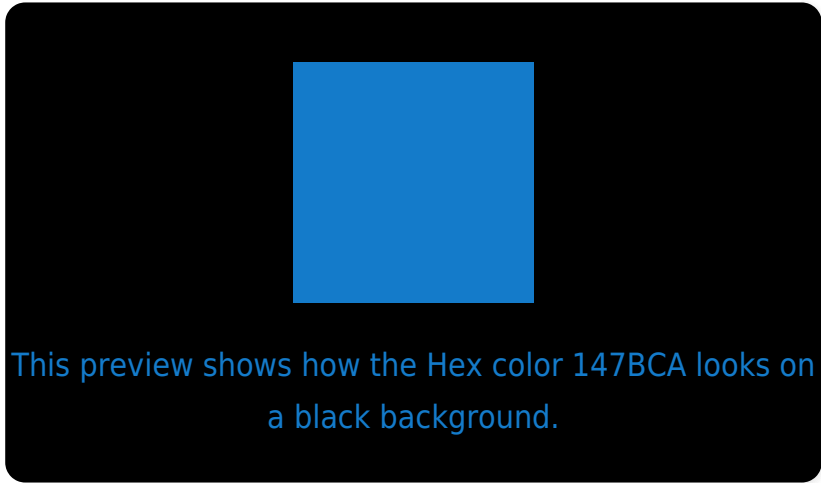
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

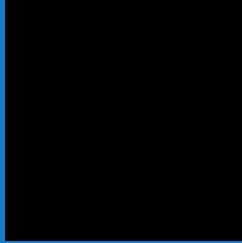
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 147BCA Background



This preview shows how black text looks on a background with the Hex color 147BCA.

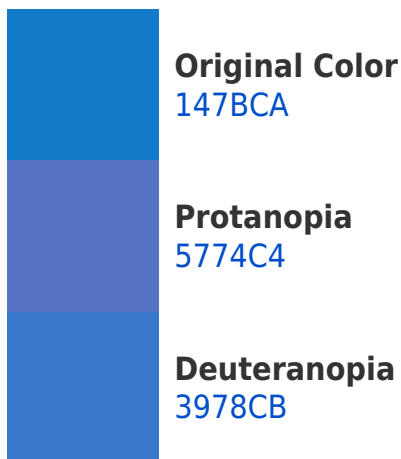


This preview shows how white text looks on a background with the Hex color 147BCA.

# 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](#).

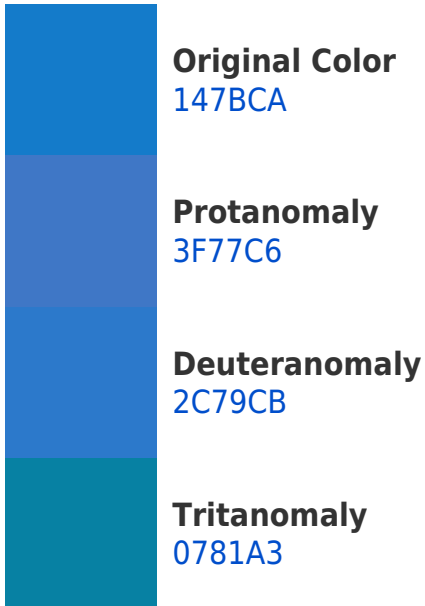
## Dichromacy



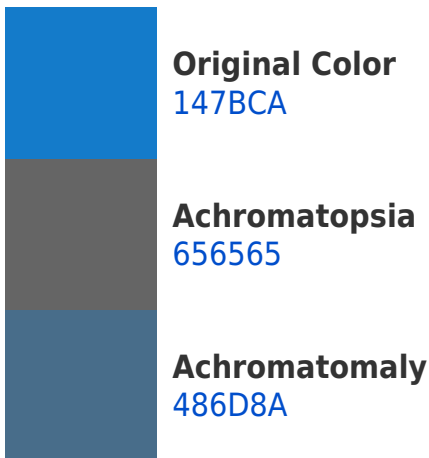


**Tritanopia**  
00848D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 147BCA 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 #147BCA looks like.

```
.text, #text, p{  
    color:#147BCA  
}
```

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 #147BCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #147BCA
}
```

## Border

The CSS property to change the border of an element to Hex 147BCA 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
#147BCA }
```

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

```
.border{ border-color:#147BCA }
```

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

Here you see how a box with a 4 pixel #147BCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #147BCA; -webkit-box-shadow:4px 4px  
4px 4px #147BCA; box-shadow:4px 4px 4px  
4px #147BCA }
```

# Background

The CSS property to change the background color of an element to Hex 147BCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#147BCA }
```

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

```
.background{ background-color:#147BCA }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor