

# Converting Colors

Hex(147CB5)

Have a look what the booklet for  
Hex(147CB5) contains.

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# Color

Hex(147CB5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	147CB5
RGB	20, 124, 181
RGB Percent	8%, 49%, 71%
CMY	0.9216, 0.5137, 0.2902
CMYK	0.89, 0.31, 0.00, 0.29
HSL	201°, 80%, 39%
HSV	201°, 89%, 71%
XYZ	15.8366, 17.9002, 46.3365
YIQ	99.4020, -80.2810, -4.3210

# Conversions

## Conversions Part 2

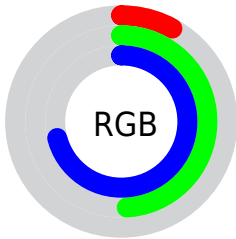
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 83, 181
Decimal	1342645
CIE <sub>Lab</sub>	49.37, -6.65, -37.72
CIE <sub>LCh</sub>	49, 38.303, 259.996
Yxy	17.9002, 0.1978, 0.2235
Android (android.graphics.Color)	4279532725 (0xFF147CB5)
YUV	99.4020, 40.2278, -69.6356
Hunter-Lab	42.3087, -7.2255, -35.3184

# Details

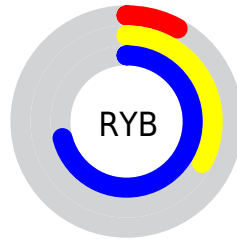
The Hex color **147CB5** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **B54D14**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **61B0ED**, and **004C80** is the 20% darker color. If you saturate the color by 10%, you get **0276B5**, and if you desaturate by 10%, it is **2682B5**.

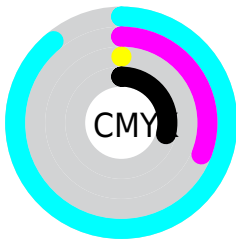
# Distribution



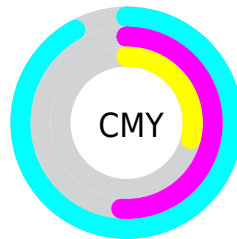
- Red (8%)
- Green (49%)
- Blue (71%)



- Red (8%)
- Yellow (33%)
- Blue (71%)



- Cyan (89%)
- Magenta (31%)
- Yellow (0%)
- Black (29%)



- Cyan (92%)
- Magenta (51%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 147CB5 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 147CB5 by changing the saturation by 10% instead.



■ 147CB5

■ 147CB5

FFFFFF

■ 00639A

■ 61B0ED

■ 004C80

■ 80CCFF

■ 003566

■ 9EE8FF

■ 00204E

■ BBFFFF

■ 000537

■ D9FFFF

■ 000221

■ F7FFFF

■ 000005

■ 000000

■ 147CB5

■ 147CB5

0276B5

2682B5

0075B5

3889B5

4A8FB5

5C96B5

6E9CB5

81A2B5

93A9B5

A5AFB5

B7B6B5

# Harmonies

## Analogous

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



0083A6



147CB5



6671B2

# Triad

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



147CB5



B35B61



4D814A

# Complementary

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



147CB5



B54D14

# 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.



737A36



147CB5



A96445

# Square

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



147CB5



AC5B82



927034



078569

# Rectangle

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



147CB5



8669A7



927034



5B7F42



# Sweetspot

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



147CB5



ABD4EB



14B54C



506875



F5F5F5



757575



# Same Dimension

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



147CB5



0098EB



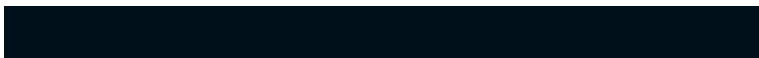
142CB5



505659



006399



00101A



# Inverse Universe

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



B5147C



EB0098



B59D14



595056



990063



1A0010



# Previews

## White Background



This preview shows how the Hex color 147CB5 looks on a white background.

## Color Contrast Check

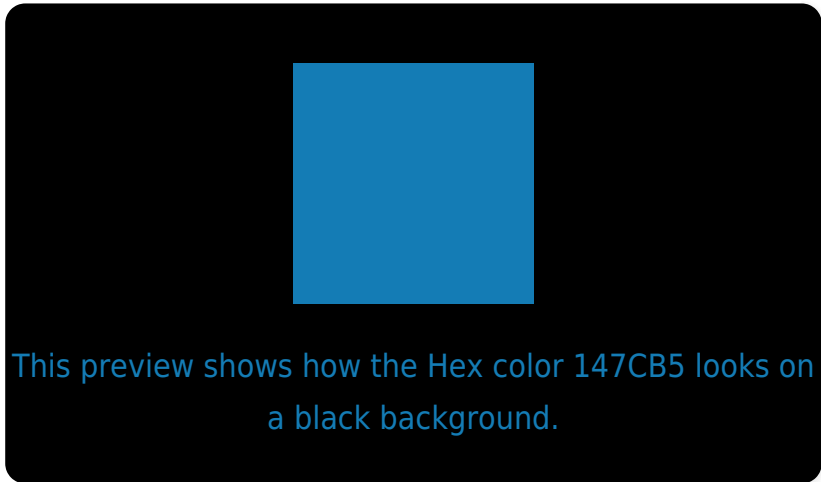
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

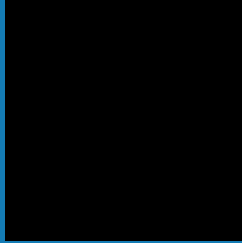
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 147CB5 Background



This preview shows how black text looks on a background with the Hex color 147CB5.

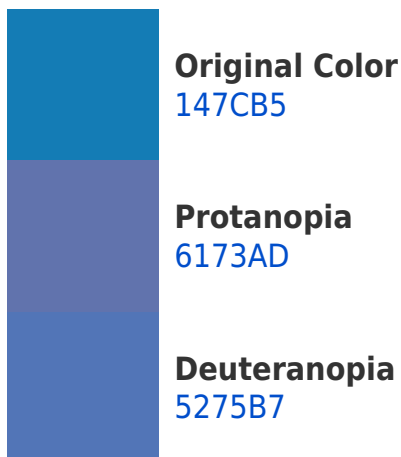


This preview shows how white text looks on a background with the Hex color 147CB5.

# 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](#).

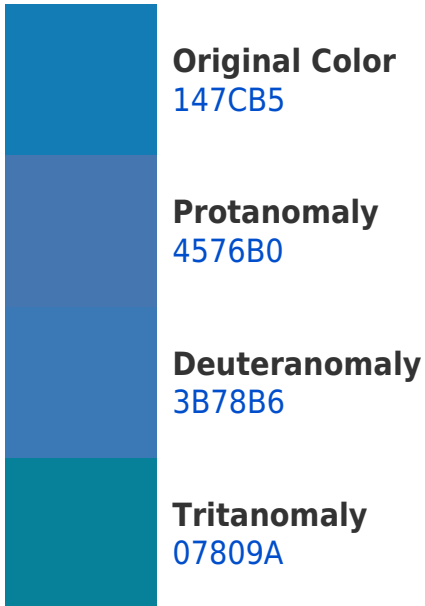
## Dichromacy



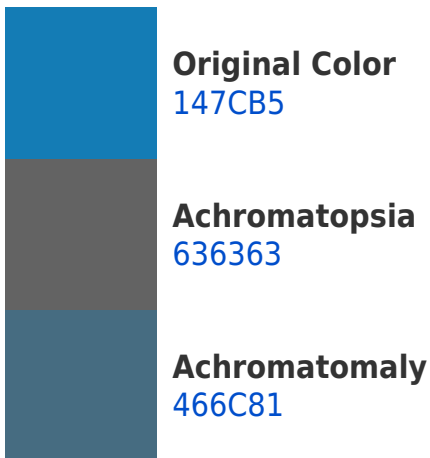


**Tritanopia**  
00828B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 147CB5 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 #147CB5 looks like.

```
.text, #text, p{  
    color:#147CB5  
}
```

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 #147CB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #147CB5
}
```

## Border

The CSS property to change the border of an element to Hex 147CB5 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
#147CB5 }
```

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

```
.border{ border-color:#147CB5 }
```

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

Here you see how a box with a 4 pixel #147CB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #147CB5; -webkit-box-shadow:4px 4px  
4px 4px #147CB5; box-shadow:4px 4px 4px  
4px #147CB5 }
```

# Background

The CSS property to change the background color of an element to Hex 147CB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#147CB5 }
```

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

```
.background{ background-color:#147CB5 }
```

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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