

# Converting Colors

Hex(127AD5)

Have a look what the booklet for  
Hex(127AD5) contains.

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# Color

Hex(127AD5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	127AD5
RGB	18, 122, 213
RGB Percent	7%, 48%, 84%
CMY	0.9294, 0.5216, 0.1647
CMYK	0.92, 0.43, 0.00, 0.16
HSL	208°, 84%, 45%
HSV	208°, 92%, 84%
XYZ	19.2192, 18.8518, 65.5766
YIQ	101.2780, -91.1950, 6.2530

# Conversions

## Conversions Part 2

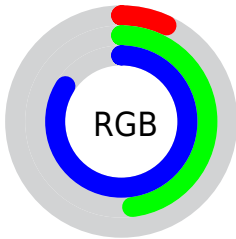
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 86, 213
Decimal	1211093
CIELab	50.51, 6.78, -54.22
CIElCh	51, 54.643, 277.126
Yxy	18.8518, 0.1854, 0.1819
Android (android.graphics.Color)	4279401173 (0xFF127AD5)
YUV	101.2780, 55.0789, -73.0348
Hunter-Lab	43.4186, 3.0304, -59.1546

# Details

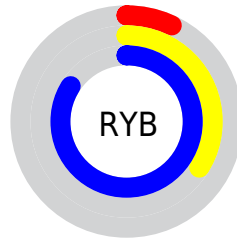
The Hex color **127AD5** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D56D12**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **69AEFF**, and **004A9E** is the 20% darker color. If you saturate the color by 10%, you get **0072D5**, and if you desaturate by 10%, it is **2784D5**.

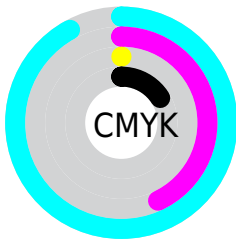
# Distribution



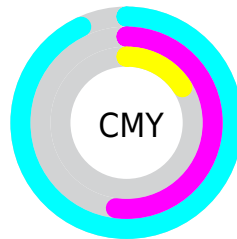
- Red (7%)
- Green (48%)
- Blue (84%)



- Red (7%)
- Yellow (34%)
- Blue (84%)



- Cyan (92%)
- Magenta (43%)
- Yellow (0%)
- Black (16%)



- Cyan (93%)
- Magenta (52%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 127AD5 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 127AD5 by changing the saturation by 10% instead.



■ 127AD5

■ 127AD5

FFFFFF

■ 0062B9

■ 69AEFF

■ 004A9E

■ 88C9FF

■ 003583

■ A7E5FF

■ 002169

■ C6FFFF

■ 000751

■ E5FFFF

■ 000539

■ 000222

■ 000008

■ 000000

■ 127AD5

■ 127AD5

■ 0072D5

■ 2784D5

■ 3D8ED5

■ 5298D5

■ 67A2D5

■ 7DACD5

■ 92B6D5

■ A7C0D5

■ BCCAD5

■ D2D3D5

# Harmonies

## Analogous

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



0087CE



127AD5



8867C3

# Triad

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



127AD5



C55542



008C52

# Complementary

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



127AD5



D56D12

# 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.



548527



127AD5



AC691D

# Square

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



127AD5



CC4A6F



857A09



008E82

# Rectangle

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



127AD5



AC59AB



857A09



1D8A43

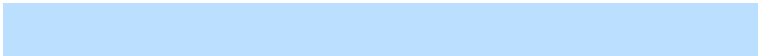


# Sweetspot

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



127AD5



BADFFF



12D56D



576C80



000000



808080



# Same Dimension

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



127AD5



0088FF



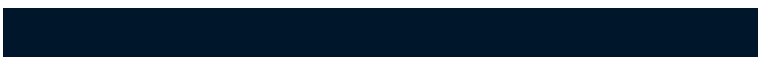
1218D5



60666B



005BAB



00172B



# Inverse Universe

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



D5127A



FF0088



D5CF12



6B6066



AB005B



2B0017



# Previews

## White Background



This preview shows how the Hex color 127AD5 looks on a white background.

## Color Contrast Check

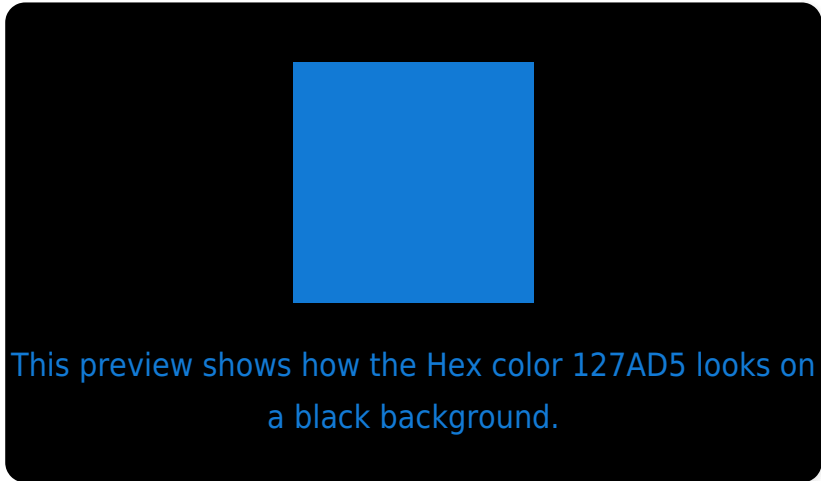
Large Text (above 18pt) WCAG AA ✓ Pass

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

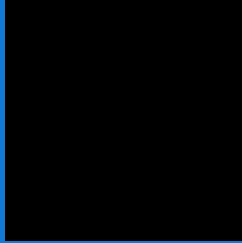
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

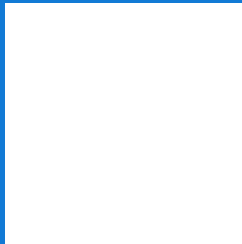
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 127AD5 Background



This preview shows how black text looks on a background with the Hex color 127AD5.

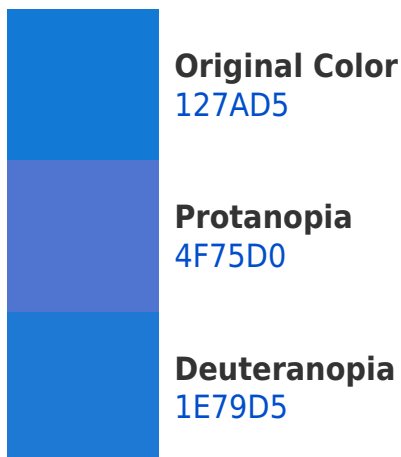


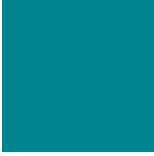
This preview shows how white text looks on a background with the Hex color 127AD5.

# 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](#).

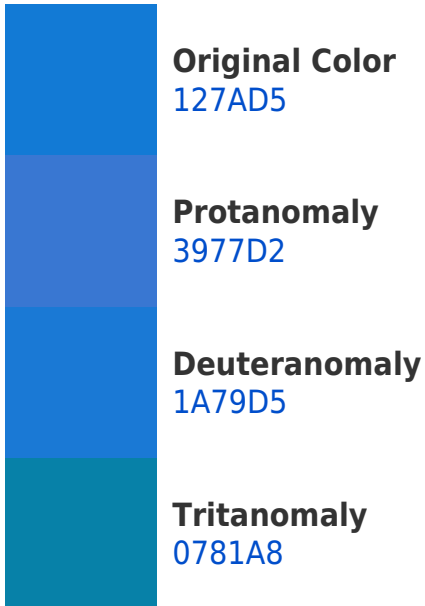
## Dichromacy





**Tritanopia**  
00858E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 127AD5 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 #127AD5 looks like.

```
.text, #text, p{  
    color:#127AD5  
}
```

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 #127AD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #127AD5  
}
```

## Border

The CSS property to change the border of an element to Hex 127AD5 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  
#127AD5 }
```

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

```
.border{ border-color:#127AD5 }
```

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

Here you see how a box with a 4 pixel #127AD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #127AD5; -webkit-box-shadow:4px 4px  
4px 4px #127AD5; box-shadow:4px 4px 4px  
4px #127AD5 }
```

# Background

The CSS property to change the background color of an element to Hex 127AD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#127AD5 }
```

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

```
.background{ background-color:#127AD5 }
```

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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