

Converting Colors

Hex(107ADC)

Have a look what the booklet for
Hex(107ADC) contains.

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Color

Hex(107ADC)

Conversions

Conversions Part 1

Format	Color
Hex	107ADC
RGB	16, 122, 220
RGB Percent	6%, 48%, 86%
CMY	0.9373, 0.5216, 0.1373
CMYK	0.93, 0.45, 0.00, 0.14
HSL	209°, 86%, 46%
HSV	209°, 93%, 86%
XYZ	20.0915, 19.1965, 70.3565
YIQ	101.4780, -94.6340, 8.0060

Conversions

Conversions Part 2

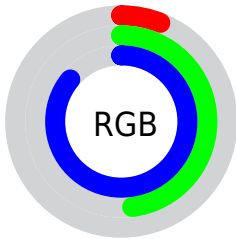
Format	Color
R _Y B	16, 86, 220
Decimal	1080028
CIE Lab	50.92, 9.42, -57.53
CIE LCh	51, 58.299, 279.294
Yxy	19.1965, 0.1832, 0.1751
Android (android.graphics.Color)	4279270108 (0xFF107ADC)
YUV	101.4780, 58.4313, -74.9642
Hunter-Lab	43.8138, 5.1796, -64.5385

Details

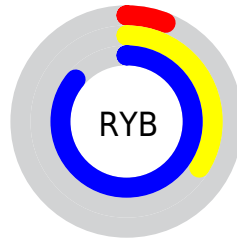
The Hex color **107ADC** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **DC7210**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **6AAEFF**, and **004AA4** is the 20% darker color. If you saturate the color by 10%, you get **0072DC**, and if you desaturate by 10%, it is **2685DC**.

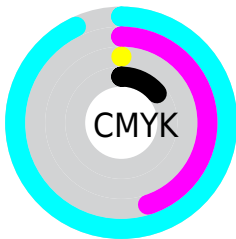
Distribution



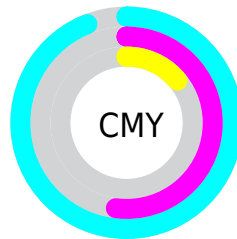
- Red (6%)
- Green (48%)
- Blue (86%)



- Red (6%)
- Yellow (34%)
- Blue (86%)



- Cyan (93%)
- Magenta (45%)
- Yellow (0%)
- Black (14%)



- Cyan (94%)
- Magenta (52%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 107ADC 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 107ADC by changing the saturation by 10% instead.

■ 107ADC

■ 107ADC

FFFFFF

■ 0062C0

■ 6AAEFF

■ 004AA4

■ 8AC9FF

■ 003589

■ A9E5FF

■ 00216F

■ C8FFFF

■ 000856

■ E7FFFF

■ 00063E

■ 000327

■ 000111

■ 000000

■ 107ADC

■ 107ADC

■ 0072DC

■ 2685DC

■ 3C8FDC

■ 529ADC

■ 68A4DC

■ 7EAFDC

■ 94B9DC

■ AAC4DC

■ C0CFDC

■ D6D9DC

Harmonies

Analogous

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



0088D6



107ADC



8F65C7

Triad

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



107ADC



C9543D



008E54

Complementary

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



107ADC



DC7210

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.



4D8824



107ADC



AD6A11

Square

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



107ADC



D2466C



837C00



009088

Rectangle

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



107ADC



B455AD



837C00



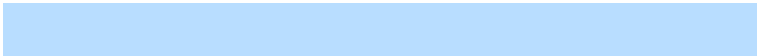
008C43

Sweetspot

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



107ADC



B8DDFF



10DC6F



546B80



000000



808080

Same Dimension

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



107ADC



0085FF



1017DC



63686E



005AAD



00182E

Inverse Universe

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



DC107A



FF0084



DCD510



6E6368



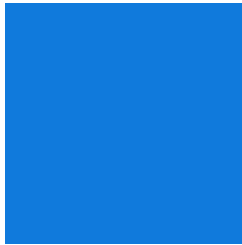
AD005A



2E0018

Previews

White Background



This preview shows how the Hex color 107ADC looks on a white background.

Color Contrast Check

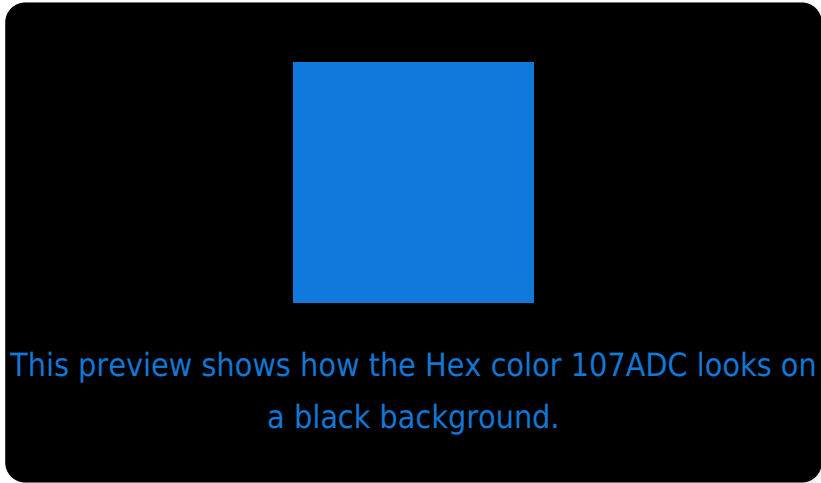
Large Text (above 18pt) WCAG AA ✓ Pass

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

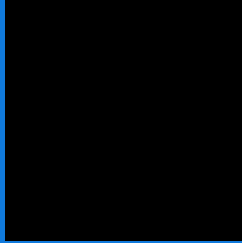
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

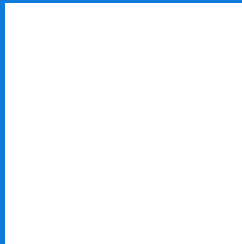
Any Text WCAG AAA × Fail

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

Hex 107ADC Background



This preview shows how black text looks on a background with the Hex color 107ADC.

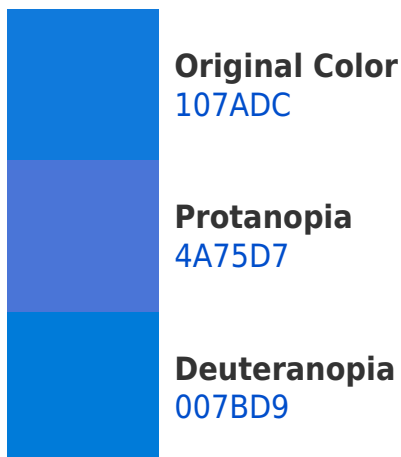


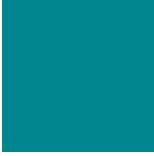
This preview shows how white text looks on a background with the Hex color 107ADC.

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](#).

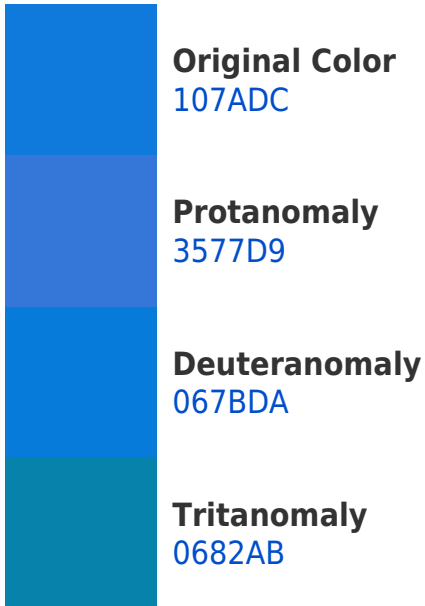
Dichromacy



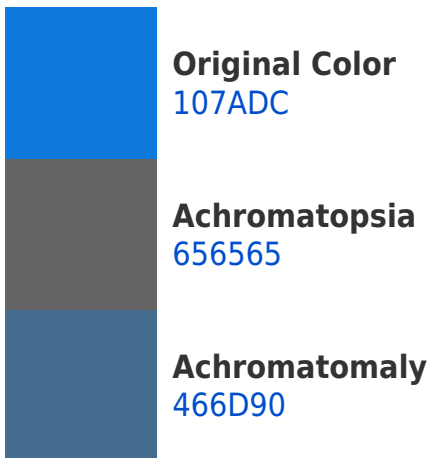


Tritanopia
00868F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 107ADC 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 #107ADC looks like.

```
.text, #text, p{  
    color:#107ADC  
}
```

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 #107ADC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #107ADC
}
```

Border

The CSS property to change the border of an element to Hex 107ADC 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
#107ADC }
```

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

```
.border{ border-color:#107ADC }
```

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

Here you see how a box with a 4 pixel #107ADC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #107ADC; -webkit-box-shadow:4px 4px  
4px 4px #107ADC; box-shadow:4px 4px 4px  
4px #107ADC }
```

Background

The CSS property to change the background color of an element to Hex 107ADC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#107ADC }
```

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

```
.background{ background-color:#107ADC }
```

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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