

Converting Colors

Hex(107EA9)

Have a look what the booklet for
Hex(107EA9) contains.

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Color

Hex(107EA9)

Conversions

Conversions Part 1

Format	Color
Hex	107EA9
RGB	16, 126, 169
RGB Percent	6%, 49%, 66%
CMY	0.9373, 0.5059, 0.3373
CMYK	0.91, 0.25, 0.00, 0.34
HSL	197°, 83%, 36%
HSV	197°, 91%, 66%
XYZ	14.8360, 17.8964, 40.2085
YIQ	98.0120, -79.3630, -9.9470

Conversions

Conversions Part 2

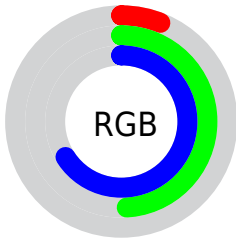
Format	Color
R_{YB}	16, 80, 169
Decimal	1081001
CIE _{Lab}	49.37, -12.56, -30.78
CIE _{LCh}	49, 33.243, 247.810
Yxy	17.8964, 0.2034, 0.2454
Android (android.graphics.Color)	4279271081 (0xFF107EA9)
YUV	98.0120, 34.9971, -71.9245
Hunter-Lab	42.3042, -11.4328, -26.7400

Details

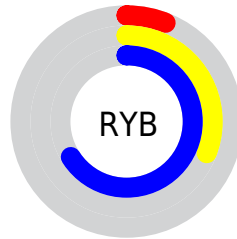
The Hex color **107EA9** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **A93B10**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **5EB3E0**, and **004D75** is the 20% darker color. If you saturate the color by 10%, you get **007AA9**, and if you desaturate by 10%, it is **2183A9**.

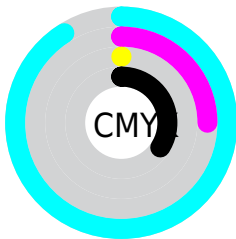
Distribution



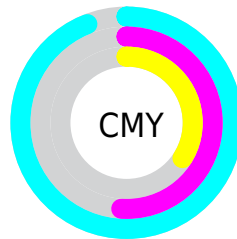
- Red (6%)
- Green (49%)
- Blue (66%)



- Red (6%)
- Yellow (31%)
- Blue (66%)



- Cyan (91%)
- Magenta (25%)
- Yellow (0%)
- Black (34%)



- Cyan (94%)
- Magenta (51%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 107EA9 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 107EA9 by changing the saturation by 10% instead.

■ 107EA9

■ 107EA9

FFFFFF

■ 00658E

■ 5EB3E0

■ 004D75

■ 7CCEFD

■ 00365C

■ 99E AFF

■ 002144

■ B7FFFF

■ 00032E

■ D4FFFF

■ 000118

■ F2FFFF

■ 000000

■ 107EA9

■ 107EA9

■ 007AA9

■ 2183A9

■ 3287A9

■ 438CA9

■ 5491A9

■ 6496A9

■ 759AA9

■ 869FA9

■ 97A4A9

■ A8A9A9

Harmonies

Analogous

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



008397



107EA9



5676AD

Triad

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



107EA9



AB5F6F



627E48

Complementary

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



107EA9



A93B10

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.



80763C



107EA9



A86354

Square

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



107EA9



9E628B



986C41



3D825F

Rectangle

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



107EA9



756FA7



986C41



6C7C42

Sweetspot

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



107EA9



A0CBDB



10A939



4B646E



EDEDED



6E6E6E

Same Dimension

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



107EA9



009EDB



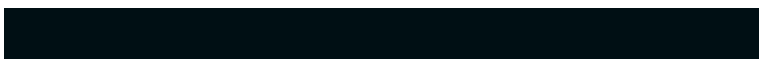
1034A9



4C5254



006A94



000F14

Inverse Universe

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



A9107E



DB009E



A98510



544C52



94006A



14000F

Previews

White Background



This preview shows how the Hex color 107EA9 looks on a white background.

Color Contrast Check

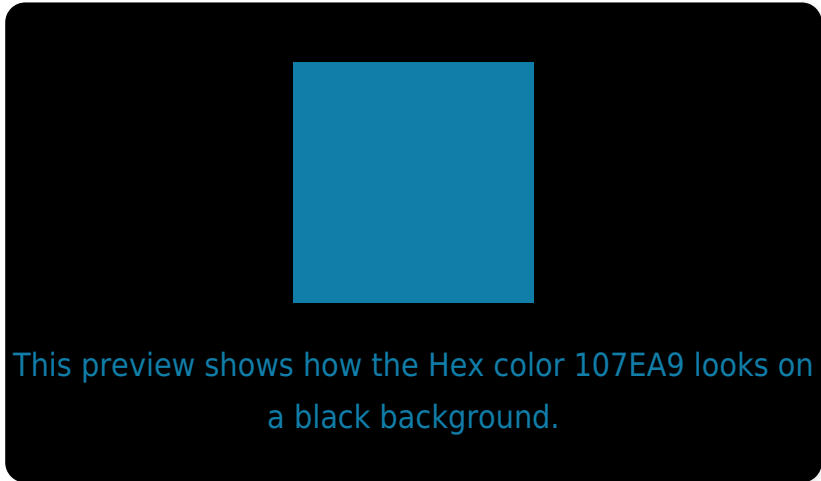
Large Text (above 18pt) WCAG AA ✓ Pass

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

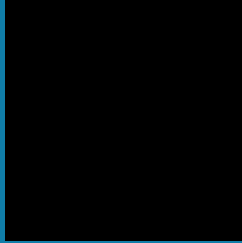
Any Text WCAG AA ✓ Pass

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 107EA9 Background



This preview shows how black text looks on a background with the Hex color 107EA9.

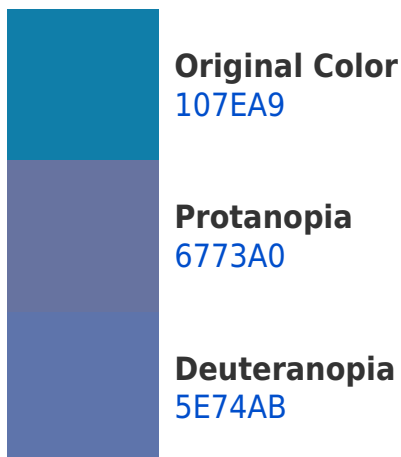


This preview shows how white text looks on a background with the Hex color 107EA9.

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](#).

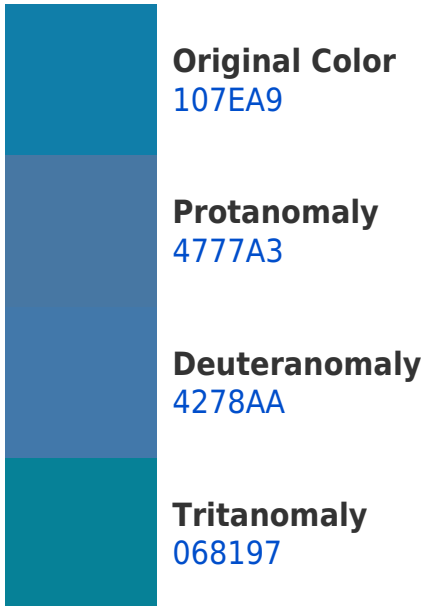
Dichromacy





Tritanopia
00828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 107EA9 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 #107EA9 looks like.

```
.text, #text, p{  
    color:#107EA9  
}
```

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 #107EA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #107EA9
}
```

Border

The CSS property to change the border of an element to Hex 107EA9 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
#107EA9 }
```

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

```
.border{ border-color:#107EA9 }
```

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

Here you see how a box with a 4 pixel #107EA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #107EA9; -webkit-box-shadow:4px 4px  
4px 4px #107EA9; box-shadow:4px 4px 4px  
4px #107EA9 }
```

Background

The CSS property to change the background color of an element to Hex 107EA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#107EA9 }
```

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

```
.background{ background-color:#107EA9 }
```

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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