

Converting Colors

Hex(109C49)

Have a look what the booklet for
Hex(109C49) contains.

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Color

Hex(109C49)

Conversions

Conversions Part 1

Format	Color
Hex	109C49
RGB	16, 156, 73
RGB Percent	6%, 61%, 29%
CMY	0.9373, 0.3882, 0.7137
CMYK	0.90, 0.00, 0.53, 0.39
HSL	144°, 81%, 34%
HSV	144°, 90%, 61%
XYZ	13.3048, 24.3681, 10.3056
YIQ	104.6780, -56.7970, -55.4930

Conversions

Conversions Part 2

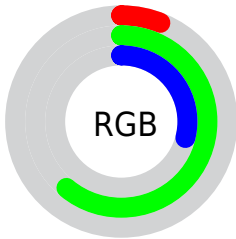
Format	Color
RYB	16, 115, 156
Decimal	1088585
CIELab	56.45, -52.69, 33.78
CIElCh	56, 62.587, 147.339
Yxy	24.3681, 0.2773, 0.5079
Android (android.graphics.Color)	4279278665 (0xFF109C49)
YUV	104.6780, -15.6173, -77.7706
Hunter-Lab	49.3641, -38.2773, 22.1770

Details

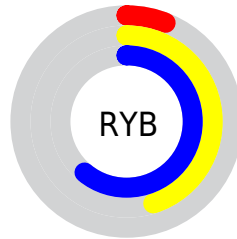
The Hex color **109C49** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9C1063**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5CD47B**, and **006719** is the 20% darker color. If you saturate the color by 10%, you get **009C40**, and if you desaturate by 10%, it is **209C52**.

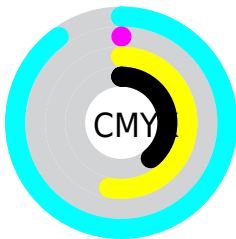
Distribution



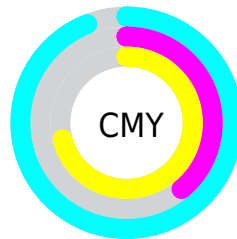
- Red (6%)
- Green (61%)
- Blue (29%)



- Red (6%)
- Yellow (45%)
- Blue (61%)



- Cyan (90%)
- Magenta (0%)
- Yellow (53%)
- Black (39%)



- Cyan (94%)
- Magenta (39%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 109C49 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 109C49 by changing the saturation by 10% instead.

 109C49

 109C49

FFFFFF

 008131

 5CD47B

 006719

 79F096

 004E00

 97FFB1

 003600

 B4FFCD

 001F00

 D1FFE9

 000000

 EFFFFFF

 109C49

 109C49

 009C40

 209C52

 2F9C5B

 3F9C65

 4E9C6E

 5E9C77

 6E9C80

 7D9C8A

 8D9C93

 9C9C9C

Harmonies

Analogous

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



719316



109C49



00A081

Triad

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



109C49



008FF5



E65759

Complementary

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



109C49



9C1063

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.



E5508F



109C49



7D7BE9

Square

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



109C49



009BE3



C462C3



CF6D29

Rectangle

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



109C49



00A1A6



C462C3



E9526A

Sweetspot

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



109C49



95CCAB



649C10



456653



E6E6E6



666666

Same Dimension

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



109C49



00CC53



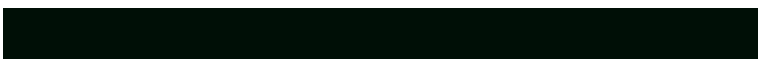
109C8E



474F4A



008F3A



000F06

Inverse Universe

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



9C1063



CC0079



9C101E



4F474C



8F0055



0F0009

Previews

White Background



This preview shows how the Hex color 109C49 looks on a white background.

Color Contrast Check

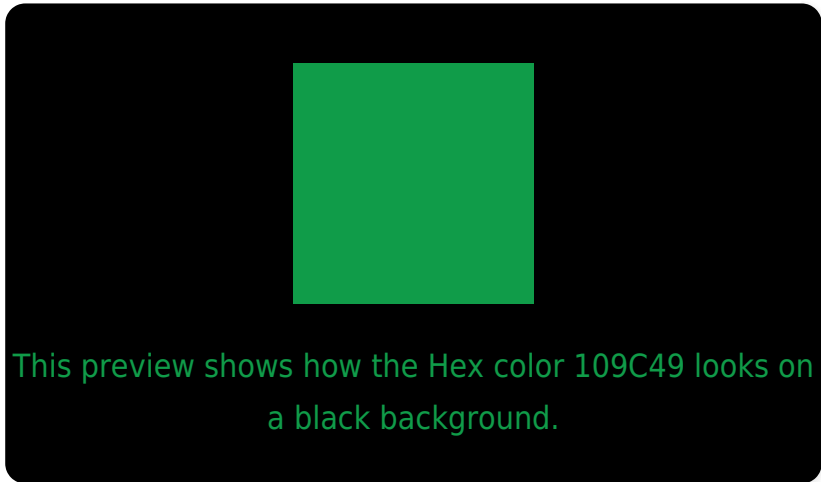
Large Text (above 18pt) WCAG AA ✓ Pass

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 109C49 Background



This preview shows how black text looks on a background with the Hex color 109C49.



This preview shows how white text looks on a background with the Hex color 109C49.

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



Original Color
109C49

Protanopia
958742

Deuteranopia
A38050



Tritanopia
3E939F

Trichromacy



Original Color
109C49



Protanomaly
658F45



Deuteranomaly
6E8A4D



Tritanomaly
2D9680

Monochromacy



Original Color
109C49



Achromatopsia
696969



Achromatomaly
497C5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 109C49 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 #109C49 looks like.

```
.text, #text, p{  
    color:#109C49  
}
```

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 #109C49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #109C49
}
```

Border

The CSS property to change the border of an element to Hex 109C49 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
#109C49 }
```

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

```
.border{ border-color:#109C49 }
```

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

Here you see how a box with a 4 pixel #109C49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #109C49; -webkit-box-shadow:4px 4px  
4px 4px #109C49; box-shadow:4px 4px 4px  
4px #109C49 }
```

Background

The CSS property to change the background color of an element to Hex 109C49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#109C49 }
```

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

```
.background{ background-color:#109C49 }
```

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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