

Converting Colors

Hex(109C48)

Have a look what the booklet for
Hex(109C48) contains.

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Color

Hex(109C48)

Conversions

Conversions Part 1

Format	Color
Hex	109C48
RGB	16, 156, 72
RGB Percent	6%, 61%, 28%
CMY	0.9373, 0.3882, 0.7176
CMYK	0.90, 0.00, 0.54, 0.39
HSL	144°, 81%, 34%
HSV	144°, 90%, 61%
XYZ	13.2719, 24.3550, 10.1324
YIQ	104.5640, -56.4760, -55.8040

Conversions

Conversions Part 2

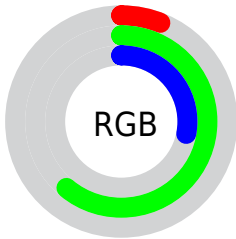
Format	Color
RYB	16, 116, 156
Decimal	1088584
CIELab	56.44, -52.85, 34.27
CIElCh	56, 62.986, 147.041
Yxy	24.3550, 0.2779, 0.5100
Android (android.graphics.Color)	4279278664 (0xFF109C48)
YUV	104.5640, -16.0541, -77.6706
Hunter-Lab	49.3508, -38.3600, 22.3725

Details

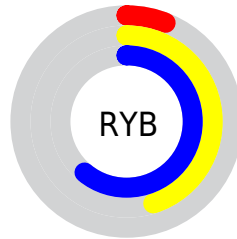
The Hex color **109C48** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9C1064**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5CD47A**, and **006717** is the 20% darker color. If you saturate the color by 10%, you get **009C3F**, and if you desaturate by 10%, it is **209C51**.

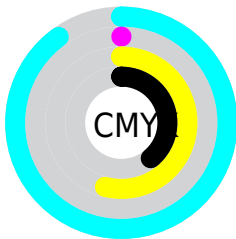
Distribution



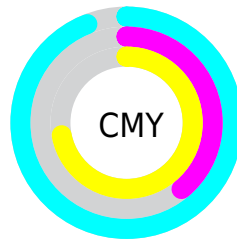
- Red (6%)
- Green (61%)
- Blue (28%)



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



- Cyan (90%)
- Magenta (0%)
- Yellow (54%)
- Black (39%)



- Cyan (94%)
- Magenta (39%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 109C48 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 109C48 by changing the saturation by 10% instead.



109C48



109C48

FFFFFF



008130



5CD47A



006717



79F195



004E00



97FFB0



003600



B4FFCC



001F00



D2FFE8



000000



FFFFFF



109C48



109C48



009C3F



209C51

■ 009C3E

■ 2F9C5B

■ 3F9C64

■ 4E9C6D

■ 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.



719314



109C48



00A080

Triad

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



109C48



0090F5



E75659

Complementary

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



109C48



9C1064

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



109C48



7B7BEA

Square

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



109C48



009CE3



C462C4



CF6D29

Rectangle

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



109C48



00A1A6



C462C4



E9516B

Sweetspot

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



109C48



95CCAB



649C10



456652



E6E6E6



666666

Same Dimension

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



109C48



00CC52



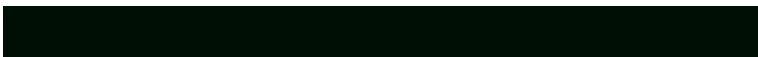
109C8E



474F4A



008F39



000F06

Inverse Universe

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



9C1064



CC007A



9C101E



4F474C



8F0056



0F0009

Previews

White Background



This preview shows how the Hex color 109C48 looks on a white background.

Color Contrast Check

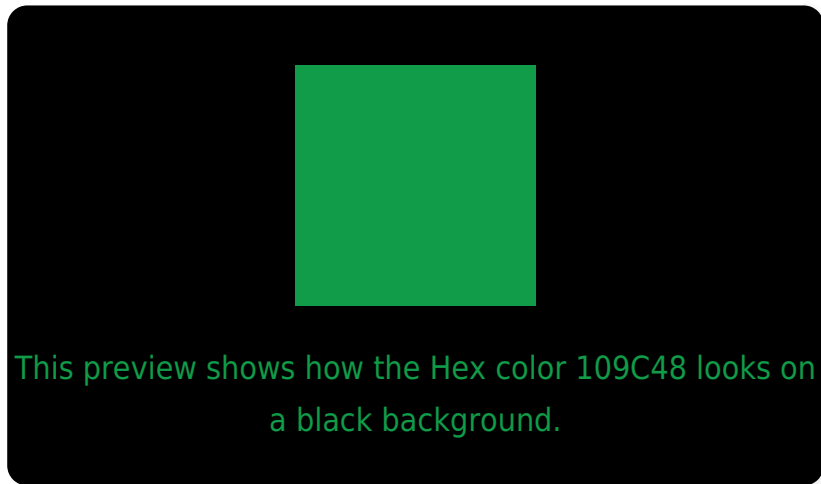
Large Text (above 18pt) WCAG AA ✓ Pass

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 109C48 Background



This preview shows how black text looks on a background with the Hex color 109C48.



This preview shows how white text looks on a background with the Hex color 109C48.

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
109C48

Protanopia
958741

Deuteranopia
A3804F



Tritanopia
3E939F

Trichromacy



Original Color
109C48



Protanomaly
658F44



Deuteranomaly
6E8A4C



Tritanomaly
2D967F

Monochromacy



Original Color
109C48



Achromatopsia
696969



Achromatomaly
497C5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 109C48 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 #109C48 looks like.

```
.text, #text, p{  
    color:#109C48  
}
```

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 #109C48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #109C48
}
```

Border

The CSS property to change the border of an element to Hex 109C48 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
#109C48 }
```

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

```
.border{ border-color:#109C48 }
```

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

Here you see how a box with a 4 pixel #109C48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #109C48; -webkit-box-shadow:4px 4px  
4px 4px #109C48; box-shadow:4px 4px 4px  
4px #109C48 }
```

Background

The CSS property to change the background color of an element to Hex 109C48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#109C48 }
```

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

```
.background{ background-color:#109C48 }
```

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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