

Converting Colors

Hex(109C6D)

Have a look what the booklet for
Hex(109C6D) contains.

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Color

Hex(109C6D)

Conversions

Conversions Part 1

Format	Color
Hex	109C6D
RGB	16, 156, 109
RGB Percent	6%, 61%, 43%
CMY	0.9373, 0.3882, 0.5725
CMYK	0.90, 0.00, 0.30, 0.39
HSL	160°, 81%, 34%
HSV	160°, 90%, 61%
XYZ	14.8625, 24.9912, 18.5085
YIQ	108.7820, -68.3530, -44.2970

Conversions

Conversions Part 2

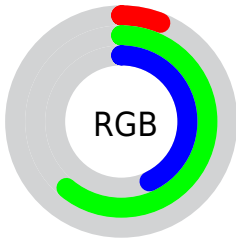
Format	Color
RYB	16, 100, 156
Decimal	1088621
CIELab	57.07, -45.57, 15.19
CIELCh	57, 48.034, 161.568
Yxy	24.9912, 0.2547, 0.4282
Android (android.graphics.Color)	4279278701 (0xFF109C6D)
YUV	108.7820, 0.1075, -81.3698
Hunter-Lab	49.9912, -34.4163, 13.0427

Details

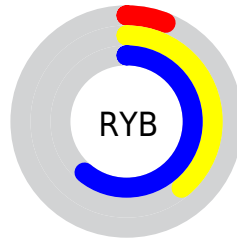
The Hex color **109C6D** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9C103F**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **5CD3A1**, and **00673D** is the 20% darker color. If you saturate the color by 10%, you get **009C68**, and if you desaturate by 10%, it is **209C72**.

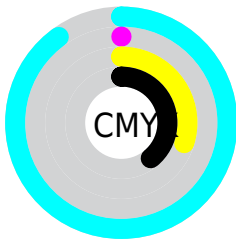
Distribution



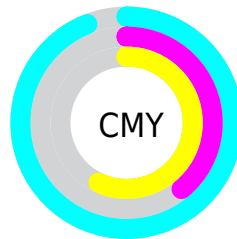
- Red (6%)
- Green (61%)
- Blue (43%)



- Red (6%)
- Yellow (39%)
- Blue (61%)



- Cyan (90%)
- Magenta (0%)
- Yellow (30%)
- Black (39%)



- Cyan (94%)
- Magenta (39%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 109C6D 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 109C6D by changing the saturation by 10% instead.

 109C6D

 109C6D

FFFFFF

 008155

 5CD3A1

 00673D


 79F0BC

 004E27

 96FFD8

 003612

 B4FFF4

 002000

 D1FFFF

 000000

 EFFFFFF

 109C6D

 109C6D

 009C68

 209C72

 2F9C77

 3F9C7D

 4E9C82

 5E9C87

 6E9C8C

 7D9C92

 8D9C97

 9C9C9C

Harmonies

Analogous

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



639647



109C6D



009E98

Triad

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



109C6D



5C88DB



CF6E53

Complementary

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



109C6D



9C103F

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.



D7647A



109C6D



A177C8

Square

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



109C6D



0095D8



C868A4



B67D38

Rectangle

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



109C6D



009DB4



C868A4



D4695F

Sweetspot

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



109C6D



95CCBA



419C10



45665B



E6E6E6



666666

Same Dimension

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



109C6D



00CC88



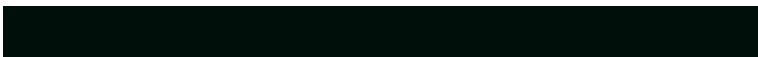
10879C



474F4C



008F5F



000F0A

Inverse Universe

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



9C103F



CC0044



9C2510



4F474A



8F0030



0F0005

Previews

White Background



This preview shows how the Hex color 109C6D looks on a white background.

Color Contrast Check

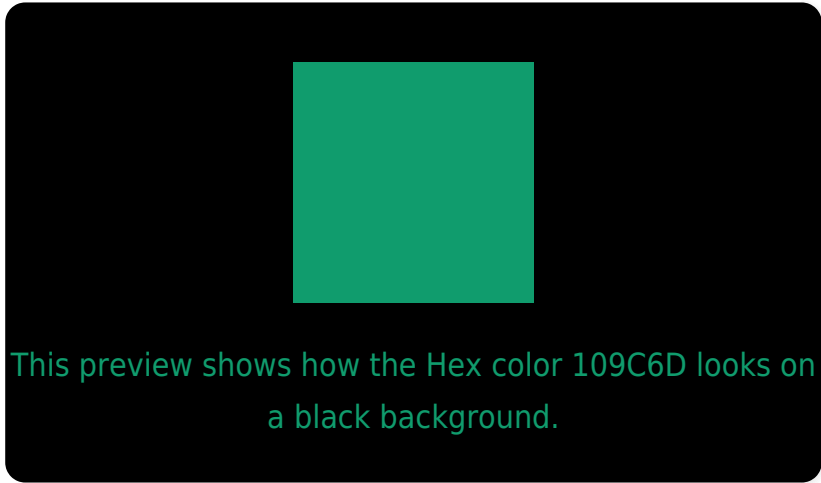
Large Text (above 18pt) WCAG AA ✓ Pass

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

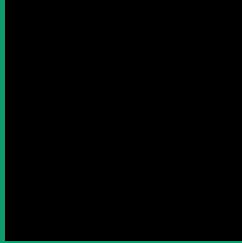
Any Text WCAG AA ✓ Pass

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 109C6D Background



This preview shows how black text looks on a background with the Hex color 109C6D.



This preview shows how white text looks on a background with the Hex color 109C6D.

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
3695A1

Trichromacy



Original Color
109C6D



Protanomaly
638F67



Deuteranomaly
6A8C71



Tritanomaly
28988E

Monochromacy



Original Color
109C6D



Achromatopsia
6D6D6D



Achromatomaly
4B7E6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 109C6D 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 #109C6D looks like.

```
.text, #text, p{  
    color:#109C6D  
}
```

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 #109C6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #109C6D
}
```

Border

The CSS property to change the border of an element to Hex 109C6D 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
#109C6D }
```

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

```
.border{ border-color:#109C6D }
```

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

Here you see how a box with a 4 pixel #109C6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #109C6D; -webkit-box-shadow:4px 4px  
4px 4px #109C6D; box-shadow:4px 4px 4px  
4px #109C6D }
```

Background

The CSS property to change the background color of an element to Hex 109C6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#109C6D }
```

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

```
.background{ background-color:#109C6D }
```

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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