

Converting Colors

Hex(109459)

Have a look what the booklet for
Hex(109459) contains.

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Color

Hex(109459)

Conversions

Conversions Part 1

Format	Color
Hex	109459
RGB	16, 148, 89
RGB Percent	6%, 58%, 35%
CMY	0.9373, 0.4196, 0.6510
CMYK	0.89, 0.00, 0.40, 0.42
HSL	153°, 80%, 32%
HSV	153°, 89%, 58%
XYZ	12.6068, 22.0112, 13.0353
YIQ	101.8060, -59.7330, -46.3330

Conversions

Conversions Part 2

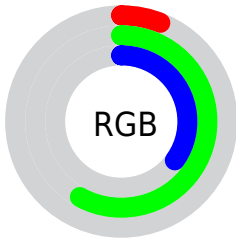
Format	Color
R_{YB}	16, 101, 148
Decimal	1086553
CIE _{Lab}	54.04, -46.90, 22.19
CIE _{LCh}	54, 51.883, 154.685
Yxy	22.0112, 0.2646, 0.4619
Android (android.graphics.Color)	4279276633 (0xFF109459)
YUV	101.8060, -6.3134, -75.2519
Hunter-Lab	46.9161, -34.1388, 16.3680

Details

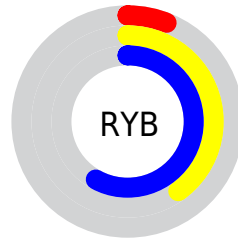
The Hex color **109459** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **94104B**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **59CB8C**, and **00602A** is the 20% darker color. If you saturate the color by 10%, you get **019452**, and if you desaturate by 10%, it is **1F9460**.

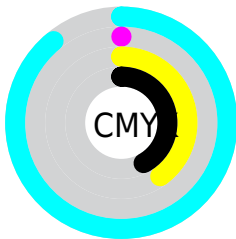
Distribution



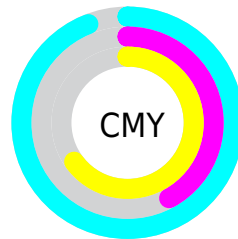
- Red (6%)
- Green (58%)
- Blue (35%)



- Red (6%)
- Yellow (40%)
- Blue (58%)



- Cyan (89%)
- Magenta (0%)
- Yellow (40%)
- Black (42%)



- Cyan (94%)
- Magenta (42%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 109459 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 109459 by changing the saturation by 10% instead.

 109459

 109459

FFFFFF

 007A41

 59CB8C

 00602A

 76E8A6

 004714

 93FFC1

 003000

 B0FFDD

 001700

 CDFFFA

 000000

 EBFFFF

 109459

 109459

 019452

 1F9460

■ 009452

■ 2E9466

■ 3C946D

■ 4B9473

■ 5A947A

■ 699481

■ 789487

■ 86948E

■ 959495

Harmonies

Analogous

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



648D32



109459



009787

Triad

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



109459



2784DB



CE6051

Complementary

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



109459



94104B

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.



D2577C



109459



8C72CB

Square

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



109459



0090D2



BD60A8



B7712E

Rectangle

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



109459



0097A5



BD60A8



D25B5E

Sweetspot

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



109459



8CBFA8



4B9410



426153



E0E0E0



616161

Same Dimension

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



109459



00BF6A



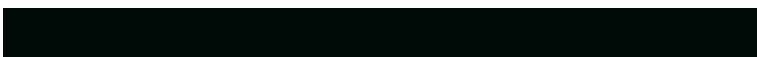
108D94



434A47



008A4C



000A06

Inverse Universe

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



94104B



BF0055



941710



4A4346



8A003E



0A0005

Previews

White Background



This preview shows how the Hex color 109459 looks on a white background.

Color Contrast Check

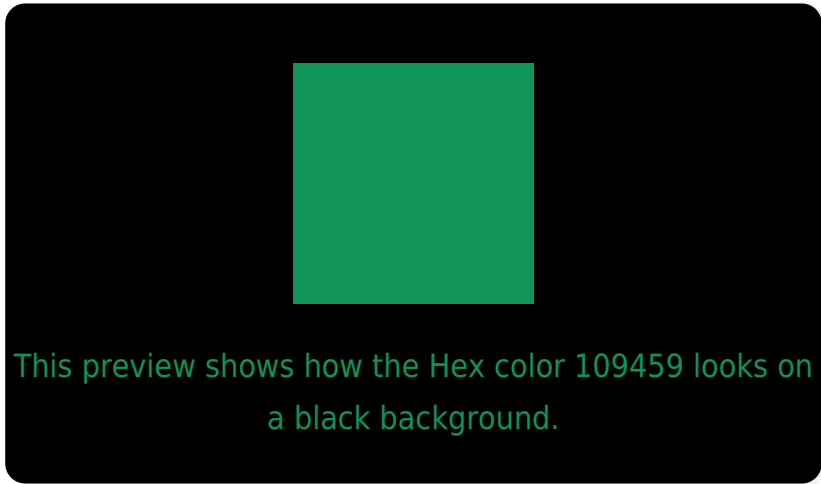
Large Text (above 18pt) WCAG AA ✓ Pass

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

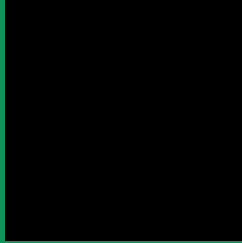
Any Text WCAG AA ✓ Pass

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 109459 Background



This preview shows how black text looks on a background with the Hex color 109459.

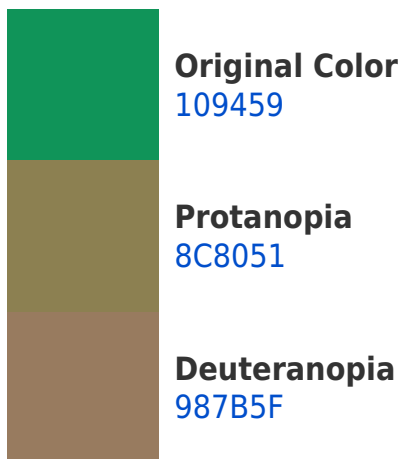


This preview shows how white text looks on a background with the Hex color 109459.

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](#).

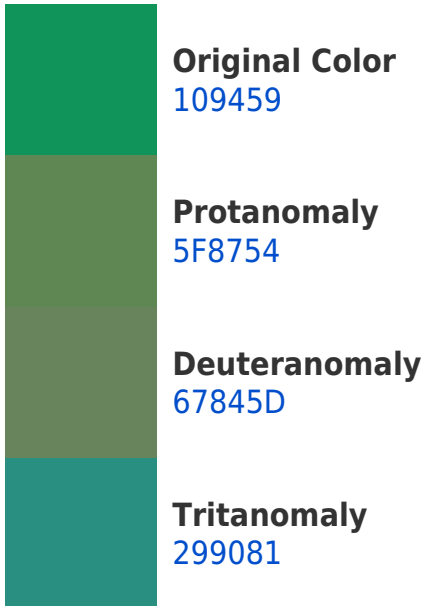
Dichromacy





Tritanopia
378D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 109459 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 #109459 looks like.

```
.text, #text, p{  
    color:#109459  
}
```

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 #109459 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #109459
}
```

Border

The CSS property to change the border of an element to Hex 109459 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
#109459 }
```

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

```
.border{ border-color:#109459 }
```

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

Here you see how a box with a 4 pixel #109459 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #109459; -webkit-box-shadow:4px 4px  
4px 4px #109459; box-shadow:4px 4px 4px  
4px #109459 }
```

Background

The CSS property to change the background color of an element to Hex 109459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#109459 }
```

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

```
.background{ background-color:#109459 }
```

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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