

Converting Colors

Hex(109D5A)

Have a look what the booklet for
Hex(109D5A) contains.

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Color

Hex(109D5A)

Conversions

Conversions Part 1

Format	Color
Hex	109D5A
RGB	16, 157, 90
RGB Percent	6%, 62%, 35%
CMY	0.9373, 0.3843, 0.6471
CMYK	0.90, 0.00, 0.43, 0.38
HSL	151°, 82%, 34%
HSV	151°, 90%, 62%
XYZ	14.1161, 24.9623, 13.7471
YIQ	107.2030, -62.5290, -50.7290

Conversions

Conversions Part 2

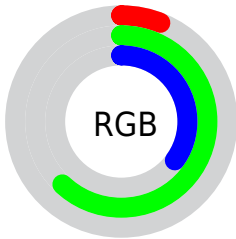
Format	Color
RYB	16, 108, 157
Decimal	1088858
CIELab	57.04, -50.04, 25.60
CIELCh	57, 56.202, 152.908
Yxy	24.9623, 0.2672, 0.4725
Android (android.graphics.Color)	4279278938 (0xFF109D5A)
YUV	107.2030, -8.4811, -79.9850
Hunter-Lab	49.9623, -37.0014, 18.6600

Details

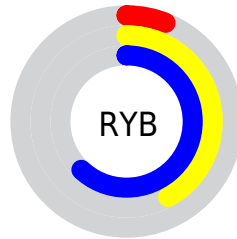
The Hex color **109D5A** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9D1053**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5CD58D**, and **00682B** is the 20% darker color. If you saturate the color by 10%, you get **009D53**, and if you desaturate by 10%, it is **209D61**.

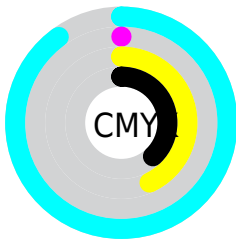
Distribution



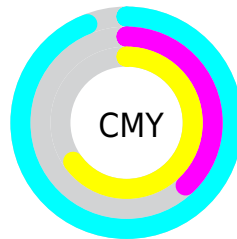
- Red (6%)
- Green (62%)
- Blue (35%)



- Red (6%)
- Yellow (42%)
- Blue (62%)



- Cyan (90%)
- Magenta (0%)
- Yellow (43%)
- Black (38%)



- Cyan (94%)
- Magenta (38%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 109D5A 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 109D5A by changing the saturation by 10% instead.

 109D5A

 109D5A

FFFFFF

 008242

 5CD58D

 00682B

 79F1A7

 004F14

 97FFC3

 003700

 B4FFDF

 002000

 D1FFFC

 000000

 EFFFFFFF

 109D5A

 109D5A

 009D53

 209D61

■ 009D52

■ 2F9D69

■ 3F9D70

■ 4F9D78

■ 5F9D7F

■ 6E9D87

■ 7E9D8E

■ 8E9D96

■ 9D9D9D

Harmonies

Analogous

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



6C9530



109D5A



00A08C

Triad

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



109D5A



008DEB



DD6356

Complementary

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



109D5A



9D1053

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.



E05A86



109D5A



907ADC

Square

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



109D5A



0099E0



C865B6



C5762F

Rectangle

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



109D5A



00A0AE



C865B6



E15E66

Sweetspot

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



109D5A



95CCB2



549D10



456656



E6E6E6



666666

Same Dimension

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



109D5A



00CC6B



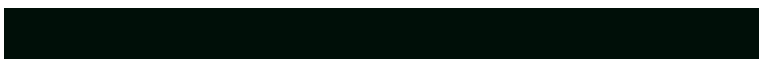
109B9D



474F4B



008F4B



000F08

Inverse Universe

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



9D1053



CC0061



9D1210



4F474B



8F0044



0F0007

Previews

White Background



This preview shows how the Hex color 109D5A looks on a white background.

Color Contrast Check

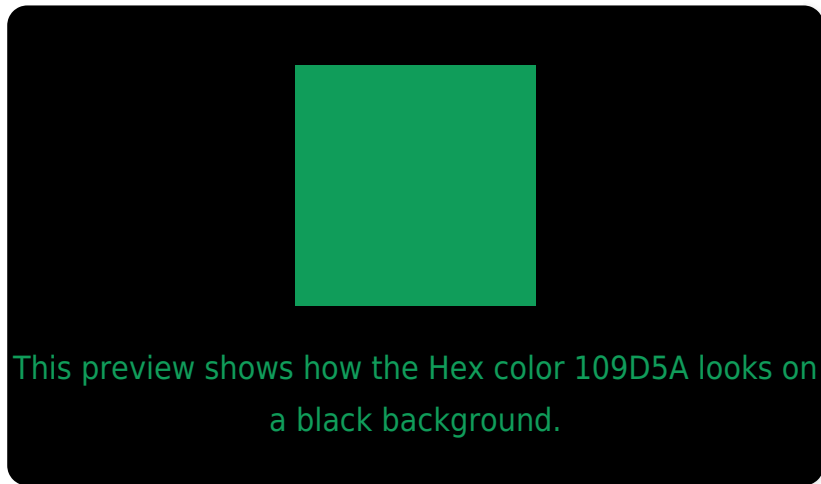
Large Text (above 18pt) WCAG AA ✓ Pass

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 109D5A Background



This preview shows how black text looks on a background with the Hex color 109D5A.



This preview shows how white text looks on a background with the Hex color 109D5A.

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
109D5A

Protanopia
958852

Deuteranopia
A28260



Tritanopia
3B95A1

Trichromacy



Original Color

109D5A



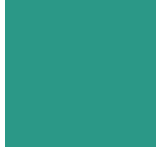
Protanomaly

659055



Deuteranomaly

6D8C5E



Tritanomaly

2B9887

Monochromacy



Original Color

109D5A



Achromatopsia

6B6B6B



Achromatomaly

4A7D65

CSS Examples

Text

The CSS property to change the color of the text to Hex 109D5A 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 #109D5A looks like.

```
.text, #text, p{  
    color:#109D5A  
}
```

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 #109D5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #109D5A
}
```

Border

The CSS property to change the border of an element to Hex 109D5A 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
#109D5A }
```

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

```
.border{ border-color:#109D5A }
```

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

Here you see how a box with a 4 pixel #109D5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #109D5A; -webkit-box-shadow:4px 4px  
4px 4px #109D5A; box-shadow:4px 4px 4px  
4px #109D5A }
```

Background

The CSS property to change the background color of an element to Hex 109D5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#109D5A }
```

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

```
.background{ background-color:#109D5A }
```

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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