

# Converting Colors

Hex(149D0B)

Have a look what the booklet for  
Hex(149D0B) contains.

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**Color**

**Hex(149D0B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	149D0B
RGB	20, 157, 11
RGB Percent	8%, 62%, 4%
CMY	0.9216, 0.3843, 0.9569
CMYK	0.87, 0.00, 0.93, 0.38
HSL	116°, 87%, 33%
HSV	116°, 93%, 62%
XYZ	12.4059, 24.2868, 4.3506
YIQ	99.3930, -34.7860, -74.4500

# Conversions

## Conversions Part 2

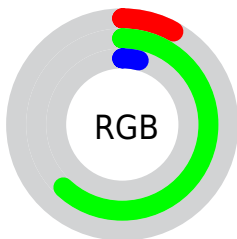
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 157, 148
Decimal	1350923
CIELab	56.37, -58.33, 56.41
CIELCh	56, 81.141, 135.958
Yxy	24.2868, 0.3023, 0.5917
Android (android.graphics.Color)	4279541003 (0xFF149D0B)
YUV	99.3930, -43.5777, -69.6277
Hunter-Lab	49.2817, -41.3084, 29.2631

# Details

The Hex color **149D0B** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **940B9D**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **60D54B**, and **006800** is the 20% darker color. If you saturate the color by 10%, you get **0A9D00**, and if you desaturate by 10%, it is **239D1B**.

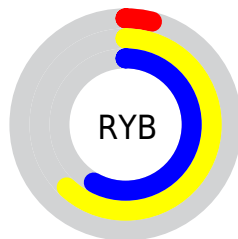
# Distribution



Red (8%)

Green (62%)

Blue (4%)



Red (4%)

Yellow (62%)

Blue (58%)

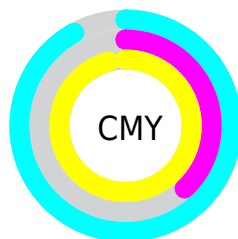


Cyan (87%)

Magenta (0%)

Yellow (93%)

Black (38%)



Cyan (92%)

Magenta (38%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 149D0B 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 149D0B by changing the saturation by 10% instead.





149D0B



149D0B

FFFFFF



008200



60D54B



006800



7EF266



004F00



9CFF81



003700



BAFF9D



001E00



D8FFB9



000000



F6FFD5



FFFFFF2



149D0B



149D0B

■ 0A9D00

■ 239D1B

■ 319D2A

■ 409D3A

■ 4F9D4A

■ 5E9D59

■ 6C9D69

■ 7B9D79

■ 8A9D89

■ 999D98

# Harmonies

## Analogous

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



819000



149D0B



00A362

# Triad

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



149D0B



0099FF



FF2C65

# Complementary

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



149D0B



940B9D

# 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.



F233AB



149D0B



0083FF

# Square

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



149D0B



00A3EC



B75FEB



EC541F

# Rectangle

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



149D0B



00A594



B75FEB



FF257C



# Sweetspot

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



149D0B



96CC93



9D930B



456643



E6E6E6



666666



# Same Dimension

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



149D0B



0DCC00



0B9D4A



484F47



098F00



010F00



# Inverse Universe

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



940B9D



BF00CC



9D0B5E



4F474F



86008F

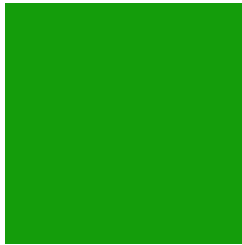


0E000F



# Previews

## White Background



This preview shows how the Hex color 149D0B looks on a white background.

## Color Contrast Check

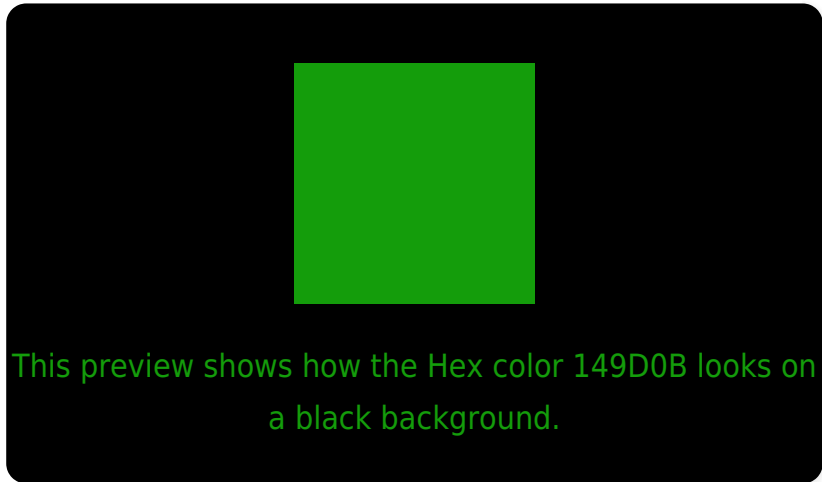
Large Text (above 18pt) WCAG AA ✓ Pass

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 149D0B Background



This preview shows how black text looks on a background with the Hex color 149D0B.



This preview shows how white text looks on a background with the Hex color 149D0B.

# 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**  
149D0B

**Protanopia**  
988700

**Deuteranopia**  
A97F23



**Tritanopia**  
44929E

# Trichromacy



**Original Color**

149D0B



**Protanomaly**

688F04



**Deuteranomaly**

738A1A



**Tritanomaly**

339669

# Monochromacy



**Original Color**

149D0B



**Achromatopsia**

636363



**Achromatomaly**

467843

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 149D0B 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 #149D0B looks like.

```
.text, #text, p{  
    color:#149D0B  
}
```

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 #149D0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #149D0B
}
```

## Border

The CSS property to change the border of an element to Hex 149D0B 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
#149D0B }
```

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

```
.border{ border-color:#149D0B }
```

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

Here you see how a box with a 4 pixel #149D0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #149D0B; -webkit-box-shadow:4px 4px  
4px 4px #149D0B; box-shadow:4px 4px 4px  
4px #149D0B }
```

# Background

The CSS property to change the background color of an element to Hex 149D0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#149D0B }
```

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

```
.background{ background-color:#149D0B }
```

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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