

Converting Colors

Hex(149C46)

Have a look what the booklet for
Hex(149C46) contains.

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Color

Hex(149C46)

Conversions

Conversions Part 1

Format	Color
Hex	149C46
RGB	20, 156, 70
RGB Percent	8%, 61%, 27%
CMY	0.9216, 0.3882, 0.7255
CMYK	0.87, 0.00, 0.55, 0.39
HSL	142°, 77%, 35%
HSV	142°, 87%, 61%
XYZ	13.2824, 24.3679, 9.7978
YIQ	105.5320, -53.4500, -55.5780

Conversions

Conversions Part 2

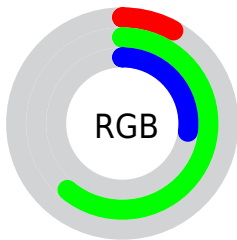
Format	Color
R_{YB}	20, 119, 156
Decimal	1350726
CIE Lab	56.45, -52.84, 35.30
CIE LCh	56, 63.541, 146.254
Yxy	24.3679, 0.2799, 0.5136
Android (android.graphics.Color)	4279540806 (0xFF149C46)
YUV	105.5320, -17.5173, -75.0116
Hunter-Lab	49.3638, -38.3572, 22.7867

Details

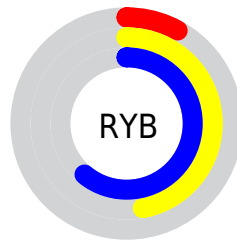
The Hex color **149C46** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9C146A**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **5DD478**, and **006715** is the 20% darker color. If you saturate the color by 10%, you get **049C3C**, and if you desaturate by 10%, it is **249C50**.

Distribution



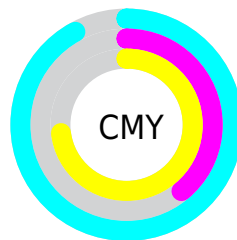
- Red (8%)
- Green (61%)
- Blue (27%)



- Red (8%)
- Yellow (47%)
- Blue (61%)



- Cyan (87%)
- Magenta (0%)
- Yellow (55%)
- Black (39%)



- Cyan (92%)
- Magenta (39%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 149C46 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 149C46 by changing the saturation by 10% instead.

 149C46

 149C46

FFFFFF

 00812E

 5DD478

 006715

 7BF093

 004E00

 98FFAE

 003600

 B5FFCA

 001F00

 D3FFE6

 000000

 F1FFFF

 149C46

 149C46

 049C3C

 249C50

■ 009C39

■ 339C5A

■ 439C64

■ 529C6D

■ 629C77

■ 729C81

■ 819C8B

■ 919C95

■ A09C9F

Harmonies

Analogous

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



729310



149C46



00A07E

Triad

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



149C46



0090F6



E8555A

Complementary

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



149C46



9C146A

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.



E54F91



149C46



787CEB

Square

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



149C46



009CE3



C362C6



D16C29

Rectangle

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



149C46



00A1A5



C362C6



EA506C

Sweetspot

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



149C46



97CCAA



6A9C14



466652



E6E6E6



666666

Same Dimension

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



149C46



00CC4B



149C8A



474F4A



008F35



000F06

Inverse Universe

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



9C146A



CC0081



9C1426



4F474C



8F005A



0F000A

Previews

White Background



This preview shows how the Hex color 149C46 looks on a white background.

Color Contrast Check

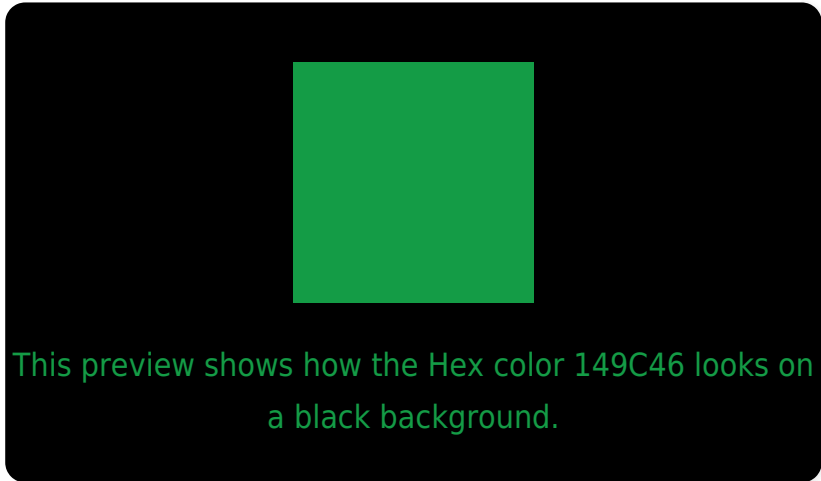
Large Text (above 18pt) WCAG AA ✓ Pass

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 149C46 Background



This preview shows how black text looks on a background with the Hex color 149C46.



This preview shows how white text looks on a background with the Hex color 149C46.

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
149C46

Protanopia
95873F

Deuteranopia
A4804D



Tritanopia
3F939F

Trichromacy



Original Color
149C46



Protanomaly
668F42



Deuteranomaly
708A4A



Tritanomaly
2F967F

Monochromacy



Original Color
149C46



Achromatopsia
6A6A6A



Achromatomaly
4B7C5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 149C46 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 #149C46 looks like.

```
.text, #text, p{  
    color:#149C46  
}
```

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 #149C46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #149C46
}
```

Border

The CSS property to change the border of an element to Hex 149C46 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
#149C46 }
```

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

```
.border{ border-color:#149C46 }
```

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

Here you see how a box with a 4 pixel #149C46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #149C46; -webkit-box-shadow:4px 4px  
4px 4px #149C46; box-shadow:4px 4px 4px  
4px #149C46 }
```

Background

The CSS property to change the background color of an element to Hex 149C46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#149C46 }
```

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

```
.background{ background-color:#149C46 }
```

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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