

Converting Colors

Hex(149118)

Have a look what the booklet for
Hex(149118) contains.

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Color

Hex(149118)

Conversions

Conversions Part 1

Format	Color
Hex	149118
RGB	20, 145, 24
RGB Percent	8%, 57%, 9%
CMY	0.9216, 0.4314, 0.9059
CMYK	0.86, 0.00, 0.83, 0.43
HSL	122°, 76%, 32%
HSV	122°, 86%, 57%
XYZ	10.5788, 20.4655, 4.2568
YIQ	93.8310, -35.6590, -64.1310

Conversions

Conversions Part 2

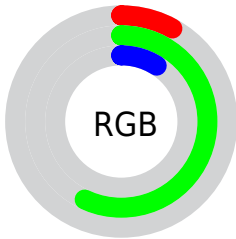
Format	Color
R_{YB}	20, 141, 145
Decimal	1347864
CIE _{Lab}	52.36, -54.14, 49.98
CIE _{LCh}	52, 73.685, 137.288
Yxy	20.4655, 0.2997, 0.5797
Android (android.graphics.Color)	4279537944 (0xFF149118)
YUV	93.8310, -34.4267, -64.7498
Hunter-Lab	45.2388, -37.4269, 26.0881

Details

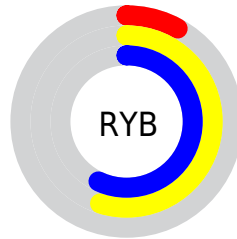
The Hex color **149118** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **91148D**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **5CC84F**, and **005D00** is the 20% darker color. If you saturate the color by 10%, you get **06910A**, and if you desaturate by 10%, it is **239126**.

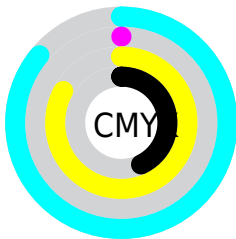
Distribution



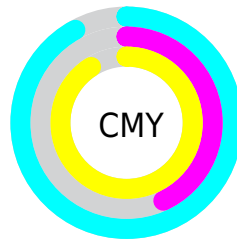
- Red (8%)
- Green (57%)
- Blue (9%)



- Red (8%)
- Yellow (55%)
- Blue (57%)



- Cyan (86%)
- Magenta (0%)
- Yellow (83%)
- Black (43%)



- Cyan (92%)
- Magenta (43%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 149118 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 149118 by changing the saturation by 10% instead.

 149118

 149118

FFFFFF

 007700

 5CC84F

 005D00

 7AE56A

 004400

 97FF84

 002E00

 B4FFA0

 000F00

 D1FFBB

 000000

 EFFF88

 FFFFF5

 149118

 149118

■ 06910A

■ 239126

■ 009105

■ 319134

■ 409142

■ 4E9150

■ 5D915E

■ 6B916C

■ 7A917A

■ 889188

■ 979196

Harmonies

Analogous

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



758500



149118



00975F

Triad

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



149118



008CF9



EA315C

Complementary

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



149118



91148D

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.



DF349B



149118



2078F7

Square

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



149118



0096D9



AC58D4



D7521E

Rectangle

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



149118



00988B



AC58D4



EA2C70

Sweetspot

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



149118



8CBD8D



8F9114



415E42



DEDEDE



5E5E5E

Same Dimension

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



149118



00BD06



149155



404740



008704



000800

Inverse Universe

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



91148D



BD00B7



911450



474047



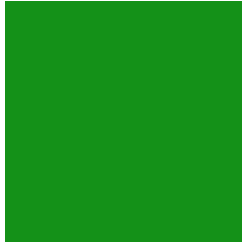
870083



080007

Previews

White Background



This preview shows how the Hex color 149118 looks on a white background.

Color Contrast Check

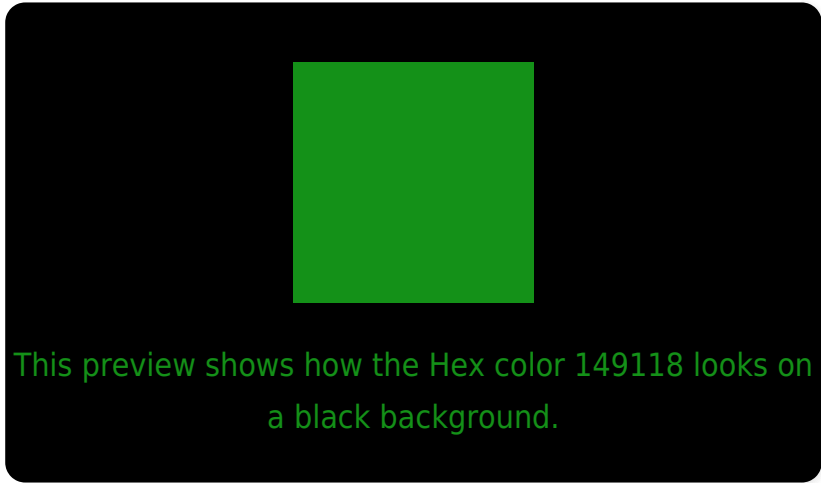
Large Text (above 18pt) WCAG AA ✓ Pass

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 149118 Background



This preview shows how black text looks on a background with the Hex color 149118.



This preview shows how white text looks on a background with the Hex color 149118.

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
149118

Protanopia
8C7C12

Deuteranopia
9C7627



Tritanopia
3F8792

Trichromacy



Original Color

149118



Protanomaly

608414



Deuteranomaly

6B8022



Tritanomaly

2F8B66

Monochromacy



Original Color

149118



Achromatopsia

5E5E5E



Achromatomaly

437145

CSS Examples

Text

The CSS property to change the color of the text to Hex 149118 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 #149118 looks like.

```
.text, #text, p{  
    color:#149118  
}
```

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 #149118 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #149118
}
```

Border

The CSS property to change the border of an element to Hex 149118 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
#149118 }
```

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

```
.border{ border-color:#149118 }
```

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

Here you see how a box with a 4 pixel #149118 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #149118; -webkit-box-shadow:4px 4px  
4px 4px #149118; box-shadow:4px 4px 4px  
4px #149118 }
```

Background

The CSS property to change the background color of an element to Hex 149118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#149118 }
```

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

```
.background{ background-color:#149118 }
```

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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