

Converting Colors

Hex(169B4D)

Have a look what the booklet for
Hex(169B4D) contains.

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Color

Hex(169B4D)

Conversions

Conversions Part 1

Format	Color
Hex	169B4D
RGB	22, 155, 77
RGB Percent	9%, 61%, 30%
CMY	0.9137, 0.3922, 0.6980
CMYK	0.86, 0.00, 0.50, 0.39
HSL	145°, 75%, 35%
HSV	145°, 86%, 61%
XYZ	13.3918, 24.1491, 10.9766
YIQ	106.3410, -54.2300, -52.4540

Conversions

Conversions Part 2

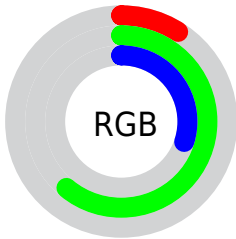
Format	Color
R _Y B	22, 116, 155
Decimal	1481549
CIE Lab	56.24, -51.19, 31.46
CIE LCh	56, 60.085, 148.422
Yxy	24.1491, 0.2760, 0.4977
Android (android.graphics.Color)	4279671629 (0xFF169B4D)
YUV	106.3410, -14.4651, -73.9671
Hunter-Lab	49.1417, -37.3544, 21.1558

Details

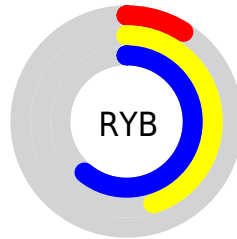
The Hex color **169B4D** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9B1664**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5DD37F**, and **00661D** is the 20% darker color. If you saturate the color by 10%, you get **079B44**, and if you desaturate by 10%, it is **269B56**.

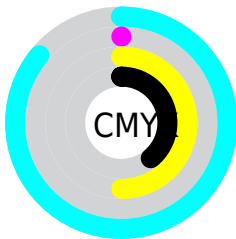
Distribution



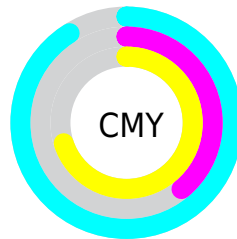
- Red (9%)
- Green (61%)
- Blue (30%)



- Red (9%)
- Yellow (45%)
- Blue (61%)



- Cyan (86%)
- Magenta (0%)
- Yellow (50%)
- Black (39%)



- Cyan (91%)
- Magenta (39%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 169B4D 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 169B4D by changing the saturation by 10% instead.

 169B4D

 169B4D

FFFFFF

 008035

 5DD37F

 00661D

 7BEF9A

 004D04

 98FFB5

 003500

 B5FFD1

 001E00

 D3FFED

 000000

 F0FFFF

 169B4D

 169B4D

 079B44

 269B56

 009B40

 359B5F

 459B68

 549B71

 649B7A

 739B84

 839B8D

 929B96

 A29B9F

Harmonies

Analogous

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



70921F



169B4D



009F82

Triad

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



169B4D



008EF0



E25A58

Complementary

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



169B4D



9B1664

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.



E1538C



169B4D



817AE3

Square

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



169B4D



009ADF



C362BE



CB6F2B

Rectangle

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



169B4D



009FA6



C362BE



E55569

Sweetspot

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



169B4D



95C9AB



669B16



466653



E6E6E6



666666

Same Dimension

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



169B4D



00C953



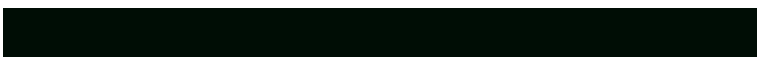
169B8E



454D48



008C3A



000D05

Inverse Universe

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



9B1664



C90076



9B1623



4D4549



8C0052



0D0007

Previews

White Background



This preview shows how the Hex color 169B4D looks on a white background.

Color Contrast Check

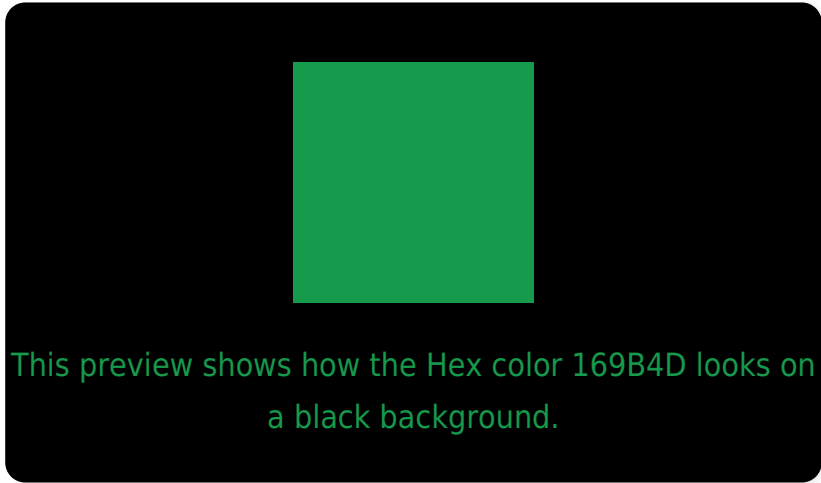
Large Text (above 18pt) WCAG AA ✓ Pass

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 169B4D Background



This preview shows how black text looks on a background with the Hex color 169B4D.

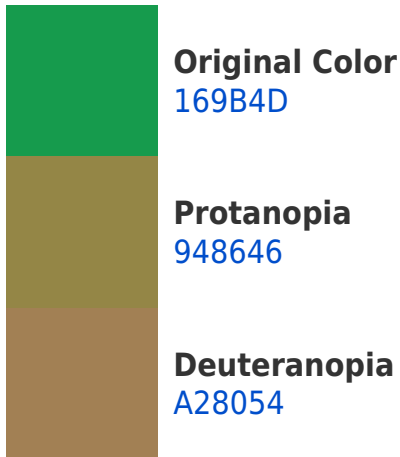


This preview shows how white text looks on a background with the Hex color 169B4D.

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
3E929E

Trichromacy



Original Color

169B4D



Protanomaly

668E49



Deuteranomaly

6F8A51



Tritanomaly

2F9581

Monochromacy



Original Color

169B4D



Achromatopsia

6A6A6A



Achromatomaly

4B7C5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 169B4D 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 #169B4D looks like.

```
.text, #text, p{  
    color:#169B4D  
}
```

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 #169B4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #169B4D
}
```

Border

The CSS property to change the border of an element to Hex 169B4D 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
#169B4D }
```

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

```
.border{ border-color:#169B4D }
```

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

Here you see how a box with a 4 pixel #169B4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #169B4D; -webkit-box-shadow:4px 4px  
4px 4px #169B4D; box-shadow:4px 4px 4px  
4px #169B4D }
```

Background

The CSS property to change the background color of an element to Hex 169B4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#169B4D }
```

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

```
.background{ background-color:#169B4D }
```

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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