

Converting Colors

Hex(9DA16B)

Have a look what the booklet for
Hex(9DA16B) contains.

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Color

Hex(9DA16B)

Conversions

Conversions Part 1

Format	Color
Hex	9DA16B
RGB	157, 161, 107
RGB Percent	62%, 63%, 42%
CMY	0.3843, 0.3686, 0.5804
CMYK	0.02, 0.00, 0.34, 0.37
HSL	64°, 22%, 53%
HSV	64°, 34%, 63%
XYZ	29.3033, 33.7194, 18.8740
YIQ	153.6480, 14.9500, -17.6420

Conversions

Conversions Part 2

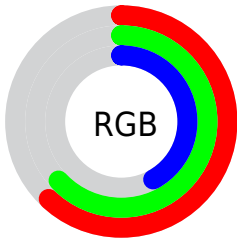
Format	Color
RYB	107, 161, 111
Decimal	10330475
CIELab	64.74, -10.24, 27.69
CIELCh	65, 29.523, 110.289
Yxy	33.7194, 0.3578, 0.4117
Android (android.graphics.Color)	4288520555 (0xFF9DA16B)
YUV	153.6480, -22.9975, 2.9397
Hunter-Lab	58.0684, -11.5423, 21.3769

Details

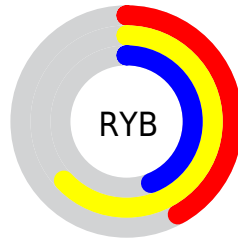
The Hex color **9DA16B** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6F6BA1**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **D4D89F**, and **696E3B** is the 20% darker color. If you saturate the color by 10%, you get **9CA15B**, and if you desaturate by 10%, it is **9EA17B**.

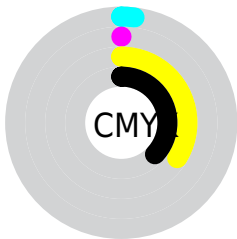
Distribution



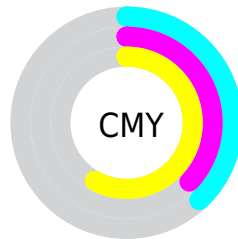
- Red (62%)
- Green (63%)
- Blue (42%)



- Red (42%)
- Yellow (63%)
- Blue (44%)



- Cyan (2%)
- Magenta (0%)
- Yellow (34%)
- Black (37%)



- Cyan (38%)
- Magenta (37%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DA16B 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 9DA16B by changing the saturation by 10% instead.



9DA16B



9DA16B

FFFFFF



828752



D4D89F



696E3B



F1F4BA



505524



FFFFD6



383E0D



FFFFFF2



232800



001500



000000



9DA16B



9DA16B



9CA15B



9EA17B

 9BA14B

 9FA18B

 99A13B

 A1A19B

 98A12B

 A2A1AB

 97A11B

 A3A1BB

 96A10A

 A4A1CC

 95A100

 A5A1DC

 A7A1EC

 A8A1FC

Harmonies

Analogous

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



B79869



9DA16B



7FA77B

Triad

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



9DA16B



4CA8C5



CB8AA7

Complementary

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



9DA16B



6F6BA1

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.



B690BF



9DA16B



6DA2D1

Square

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



9DA16B



48ABAE



9599CE



D28A8C

Rectangle

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



9DA16B



6AAA8A



9599CE



C68CAF

Sweetspot

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



9DA16B



D0D1BC



A16F6B



68695C



E8E8E8



696969

Same Dimension

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



9DA16B



CBD17D



82A16B



515249



879100



111200

Inverse Universe

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



6F6BA1



847DD1



8A6BA1



4A4952



0B0091



010012

Previews

White Background



This preview shows how the Hex color 9DA16B looks on a white background.

Color Contrast Check

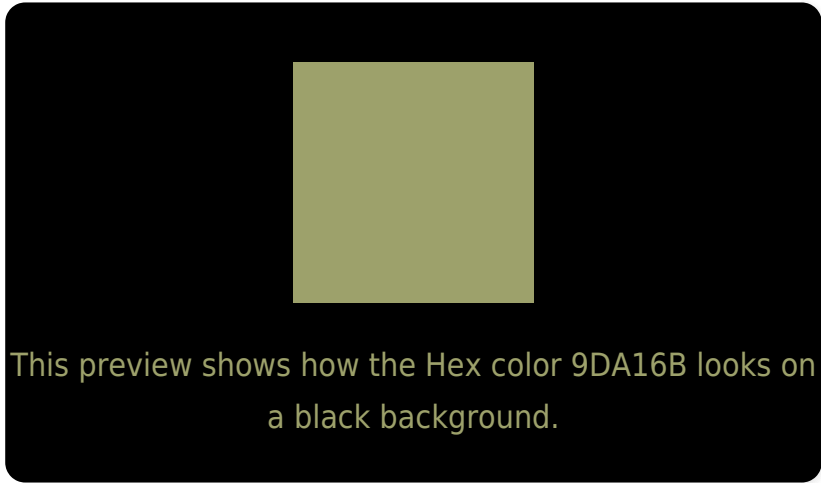
Large Text (above 18pt) WCAG AA × Fail

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

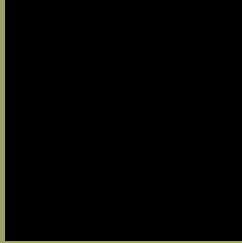
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

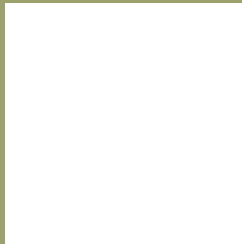
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9DA16B Background



This preview shows how black text looks on a background with the Hex color 9DA16B.

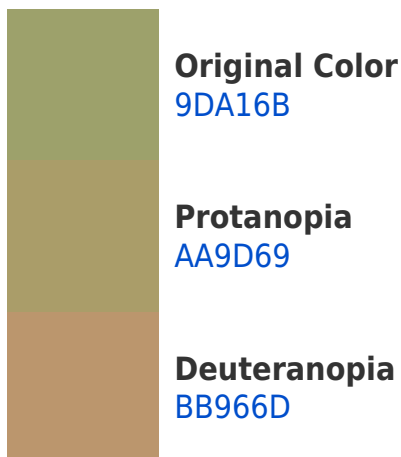


This preview shows how white text looks on a background with the Hex color 9DA16B.

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
A49AA6

Trichromacy



Original Color
9DA16B

Protanomaly
A59E6A

Deuteranomaly
B09A6C

Tritanomaly
A19D91

Monochromacy



Original Color
9DA16B

Achromatopsia
9A9A9A

Achromatomaly
9B9D89

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DA16B 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 #9DA16B looks like.

```
.text, #text, p{  
    color:#9DA16B  
}
```

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 #9DA16B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DA16B
}
```

Border

The CSS property to change the border of an element to Hex 9DA16B 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
#9DA16B }
```

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

```
.border{ border-color:#9DA16B }
```

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

Here you see how a box with a 4 pixel #9DA16B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DA16B; -webkit-box-shadow:4px 4px  
4px 4px #9DA16B; box-shadow:4px 4px 4px  
4px #9DA16B }
```

Background

The CSS property to change the background color of an element to Hex 9DA16B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DA16B }
```

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

```
.background{ background-color:#9DA16B }
```

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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