

Converting Colors

Hex(9CA46B)

Have a look what the booklet for
Hex(9CA46B) contains.

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Color

Hex(9CA46B)

Conversions

Conversions Part 1

Format	Color
Hex	9CA46B
RGB	156, 164, 107
RGB Percent	61%, 64%, 42%
CMY	0.3882, 0.3569, 0.5804
CMYK	0.05, 0.00, 0.35, 0.36
HSL	68°, 24%, 53%
HSV	68°, 35%, 64%
XYZ	29.6396, 34.6804, 19.0417
YIQ	155.1100, 13.5290, -19.4230

Conversions

Conversions Part 2

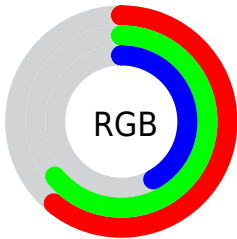
Format	Color
RYB	107, 164, 115
Decimal	10265707
CIELab	65.50, -12.23, 28.67
CIELCh	65, 31.169, 113.093
Yxy	34.6804, 0.3556, 0.4160
Android (android.graphics.Color)	4288455787 (0xFF9CA46B)
YUV	155.1100, -23.7182, 0.7805
Hunter-Lab	58.8900, -13.2178, 22.0520

Details

The Hex color **9CA46B** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **736BA4**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **D3DB9F**, and **68703B** is the 20% darker color. If you saturate the color by 10%, you get **9AA45B**, and if you desaturate by 10%, it is **9EA47B**.

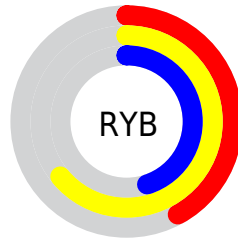
Distribution



Red (61%)

Green (64%)

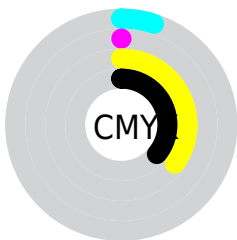
Blue (42%)



Red (42%)

Yellow (64%)

Blue (45%)

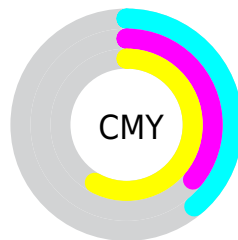


Cyan (5%)

Magenta (0%)

Yellow (35%)

Black (36%)



Cyan (39%)

Magenta (36%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CA46B 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 9CA46B by changing the saturation by 10% instead.



9CA46B



9CA46B

FFFFFF



818A52



D3DB9F



68703B



F0F7BA



4F5824



FFFFD6



37410D



FFFFF3



222B00



001700



000000



9CA46B



9CA46B



9AA45B



9EA47B

97A44A

A1A48C

95A43A

A3A49C

93A429

A5A4AD

90A419

A8A4BD

8EA409

AAA4CD

8DA400

ACA4DE

AEA4EE

B1A4FF

Harmonies

Analogous

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



B89B68



9CA46B



7CAB7D

Triad

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



9CA46B



49ABCB



D18AA7

Complementary

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



9CA46B



736BA4

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.



BC91C1



9CA46B



6FA4D6

Square

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



9CA46B



41AEB4



9A9AD2



D68B8B

Rectangle

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



9CA46B



65AD8E



9A9AD2



CC8CB0

Sweetspot

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



9CA46B



D3D6C1



A4736B



696B5E



EBEBEB



6B6B6B

Same Dimension

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



9CA46B



CAD67C



80A46B



505249



7D9100



0F1200

Inverse Universe

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



736BA4



897CD6



8F6BA4



4B4952



140091



030012

Previews

White Background



This preview shows how the Hex color 9CA46B looks on a white background.

Color Contrast Check

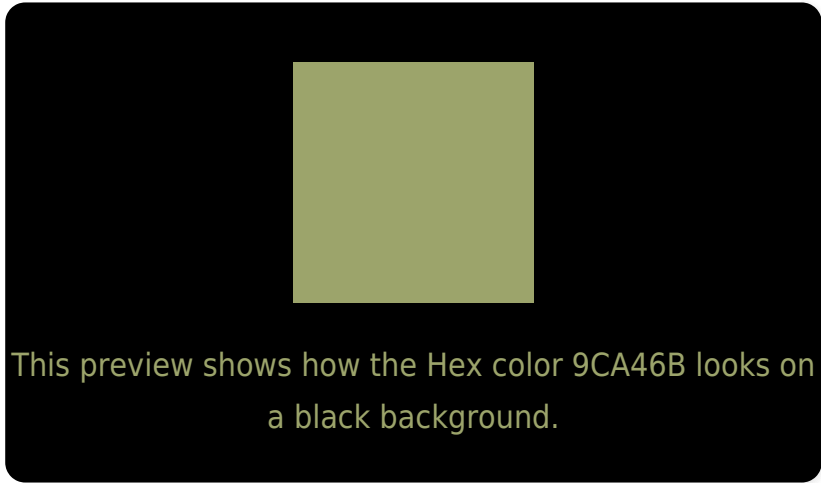
Large Text (above 18pt) WCAG AA × Fail

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

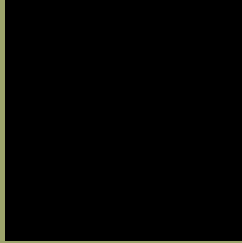
Any Text WCAG AA ✓ Pass

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 9CA46B Background



This preview shows how black text looks on a background with the Hex color 9CA46B.



This preview shows how white text looks on a background with the Hex color 9CA46B.

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
A49CA9

Trichromacy



Original Color
9CA46B

Protanomaly
A6A16A

Deuteranomaly
B29C6D

Tritanomaly
A19F92

Monochromacy



Original Color
9CA46B

Achromatopsia
9B9B9B

Achromatomaly
9B9E8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CA46B 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 #9CA46B looks like.

```
.text, #text, p{  
    color:#9CA46B  
}
```

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 #9CA46B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CA46B
}
```

Border

The CSS property to change the border of an element to Hex 9CA46B 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
#9CA46B }
```

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

```
.border{ border-color:#9CA46B }
```

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

Here you see how a box with a 4 pixel #9CA46B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CA46B; -webkit-box-shadow:4px 4px  
4px 4px #9CA46B; box-shadow:4px 4px 4px  
4px #9CA46B }
```

Background

The CSS property to change the background color of an element to Hex 9CA46B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CA46B }
```

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

```
.background{ background-color:#9CA46B }
```

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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