

Converting Colors

Hex(9CA36B)

Have a look what the booklet for
Hex(9CA36B) contains.

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Color

Hex(9CA36B)

Conversions

Conversions Part 1

Format	Color
Hex	9CA36B
RGB	156, 163, 107
RGB Percent	61%, 64%, 42%
CMY	0.3882, 0.3608, 0.5804
CMYK	0.04, 0.00, 0.34, 0.36
HSL	67°, 23%, 53%
HSV	67°, 34%, 64%
XYZ	29.4613, 34.3238, 18.9823
YIQ	154.5230, 13.8040, -18.9000

Conversions

Conversions Part 2

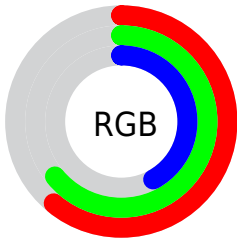
Format	Color
RYB	107, 163, 114
Decimal	10265451
CIELab	65.22, -11.70, 28.31
CIElCh	65, 30.627, 112.455
Yxy	34.3238, 0.3560, 0.4147
Android (android.graphics.Color)	4288455531 (0xFF9CA36B)
YUV	154.5230, -23.4288, 1.2953
Hunter-Lab	58.5866, -12.7644, 21.8004

Details

The Hex color **9CA36B** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **726BA3**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **D3DA9F**, and **686F3B** is the 20% darker color. If you saturate the color by 10%, you get **9AA35B**, and if you desaturate by 10%, it is **9EA37B**.

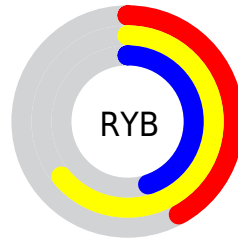
Distribution



Red (61%)

Green (64%)

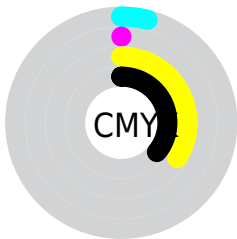
Blue (42%)



Red (42%)

Yellow (64%)

Blue (45%)

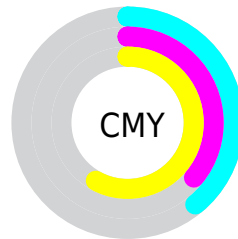


Cyan (4%)

Magenta (0%)

Yellow (34%)

Black (36%)



Cyan (39%)

Magenta (36%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CA36B 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 9CA36B by changing the saturation by 10% instead.

 9CA36B

 9CA36B

FFFFFF

 828952

 D3DA9F

 686F3B

 F0F6BA

 4F5724

 FFFFD6

 37400D

 FFFFF3

 222A00

 001600

 000000

 9CA36B

 9CA36B

 9AA35B

 9EA37B

98A34A

A0A38C

96A33A

A2A39C

94A32A

A4A3AC

92A31A

A6A3BC

90A309

A8A3CD

8FA300

AAA3DD

ACA3ED

AEA3FE

Harmonies

Analogous

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



B89A68



9CA36B



7CA97C

Triad

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



9CA36B



4AAAC9



CF8AA6

Complementary

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



9CA36B



726BA3

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.



BB90C0



9CA36B



6FA3D4

Square

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



9CA36B



43ADB2



989AD1



D58B8B

Rectangle

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



9CA36B



67AC8D



989AD1



CA8CB0

Sweetspot

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



9CA36B



D1D4BE



A3726B



696B5E



EBEBEB



6B6B6B

Same Dimension

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



9CA36B



C9D47D



80A36B



515249



7F9100



101200

Inverse Universe

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



726BA3



887DD4



8E6BA3



4A4952



120091



020012

Previews

White Background



This preview shows how the Hex color 9CA36B looks on a white background.

Color Contrast Check

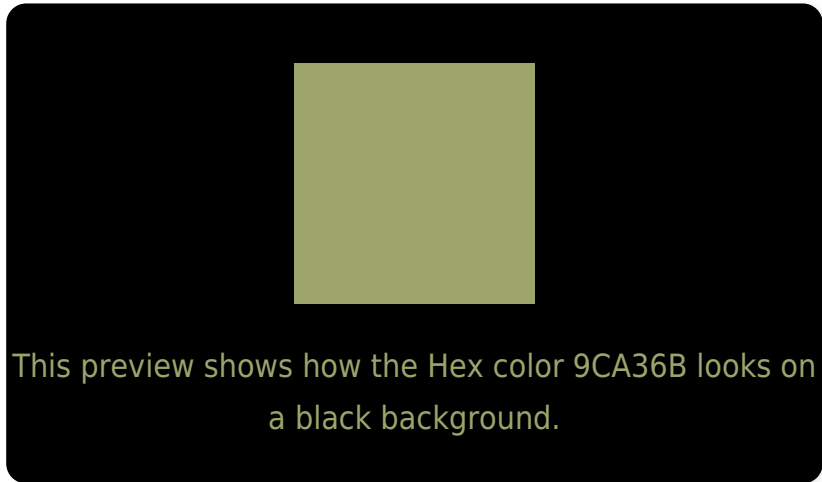
Large Text (above 18pt) WCAG AA × Fail

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

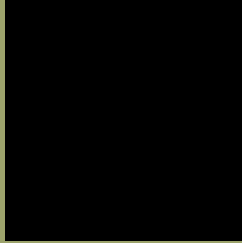
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

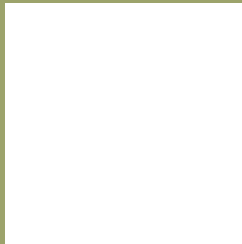
Any Text WCAG AAA ✓ Pass

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

Hex 9CA36B Background



This preview shows how black text looks on a background with the Hex color 9CA36B.



This preview shows how white text looks on a background with the Hex color 9CA36B.

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
9CA36B

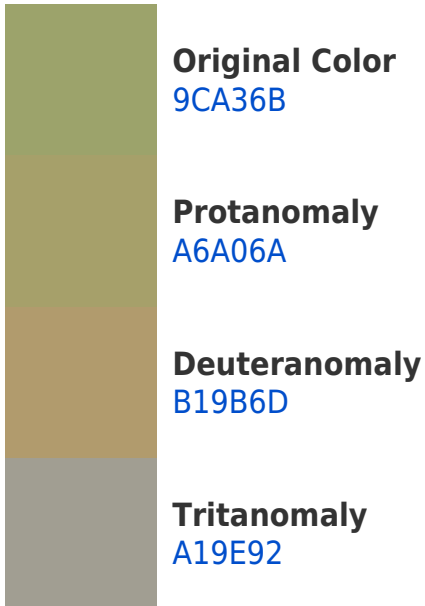
Protanopia
AC9E69

Deuteranopia
BD976E



Tritanopia
A49BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CA36B 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 #9CA36B looks like.

```
.text, #text, p{  
    color:#9CA36B  
}
```

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 #9CA36B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CA36B
}
```

Border

The CSS property to change the border of an element to Hex 9CA36B 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
#9CA36B }
```

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

```
.border{ border-color:#9CA36B }
```

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

Here you see how a box with a 4 pixel #9CA36B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CA36B; -webkit-box-shadow:4px 4px  
4px 4px #9CA36B; box-shadow:4px 4px 4px  
4px #9CA36B }
```

Background

The CSS property to change the background color of an element to Hex 9CA36B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CA36B }
```

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

```
.background{ background-color:#9CA36B }
```

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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