

# Converting Colors

Hex(9DA364)

Have a look what the booklet for  
Hex(9DA364) contains.

<b>Hex(9DA364)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(9DA364)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DA364
RGB	157, 163, 100
RGB Percent	62%, 64%, 39%
CMY	0.3843, 0.3608, 0.6078
CMYK	0.04, 0.00, 0.39, 0.36
HSL	66°, 26%, 52%
HSV	66°, 39%, 64%
XYZ	29.3021, 34.2826, 17.1294
YIQ	154.0240, 16.6470, -20.8650

# Conversions

## Conversions Part 2

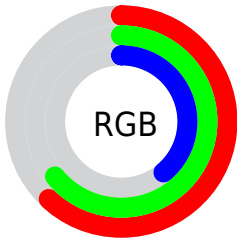
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">100, 163, 106</a>
Decimal	<a href="#">10330980</a>
CIELab	<a href="#">65.19, -12.17, 32.01</a>
CIELCh	<a href="#">65, 34.244, 110.815</a>
Yxy	<a href="#">34.2826, 0.3630, 0.4247</a>
Android (android.graphics.Color)	<a href="#">4288521060 (0xFF9DA364)</a>
YUV	<a href="#">154.0240, -26.6338, 2.6100</a>
Hunter-Lab	<a href="#">58.5513, -13.1343, 23.6404</a>

# Details

The Hex color **9DA364** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6A64A3**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **D4DA98**, and **686F34** is the 20% darker color. If you saturate the color by 10%, you get **9BA354**, and if you desaturate by 10%, it is **9FA374**.

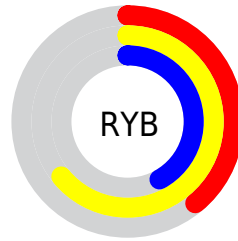
# Distribution



Red (62%)

Green (64%)

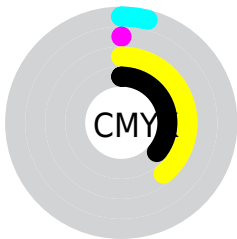
Blue (39%)



Red (39%)

Yellow (64%)

Blue (42%)

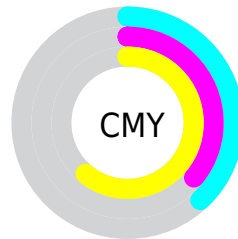


Cyan (4%)

Magenta (0%)

Yellow (39%)

Black (36%)



Cyan (38%)

Magenta (36%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DA364 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 9DA364 by changing the saturation by 10% instead.





9DA364



9DA364

FFFFFF



82894B



D4DA98



686F34



F1F6B3



4F571C



FFFCE



374004



FFFEB



212A00



001700



000000



9DA364



9DA364



9BA354



9FA374

9AA343

A0A385

98A333

A2A395

97A323

A3A3A5

95A313

A5A3B5

94A302

A6A3C6

93A300

A8A3D6

A9A3E6

ABA3F7

# Harmonies

## Analogous

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



BB9962



9DA364



7AAA76

# Triad

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



9DA364



32ABCD



D487A9

# Complementary

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



9DA364



6A64A3

# 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.



BC8FC5



9DA364



63A4DA

# Square

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



9DA364



2DAFB3



949AD7



DA888A

# Rectangle

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



9DA364



60AD89



949AD7



CE89B3



# Sweetspot

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



9DA364



D1D4BA



A36964



6A6B5C



EBEBEB



6B6B6B



# Same Dimension

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



9DA364



CAD472



7EA364



515249



849100



101200



# Inverse Universe

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



6A64A3



7C72D4



8964A3



4A4952



0E0091



020012



# Previews

## White Background



This preview shows how the Hex color 9DA364 looks on a white background.

## Color Contrast Check

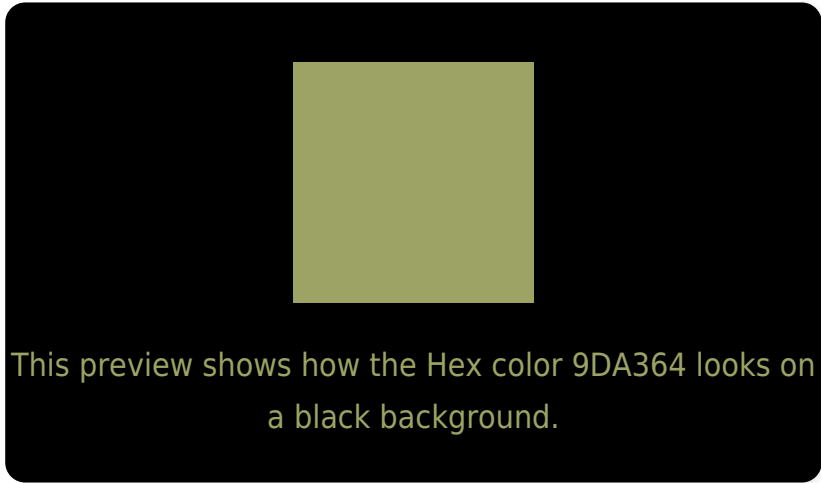
Large Text (above 18pt) WCAG AA × Fail

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

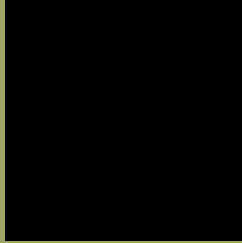
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9DA364 Background



This preview shows how black text looks on a background with the Hex color 9DA364.

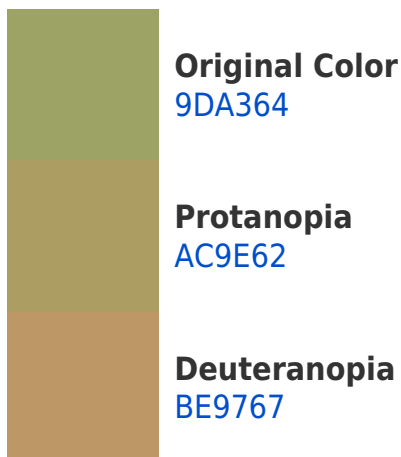


This preview shows how white text looks on a background with the Hex color 9DA364.

# 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](#).

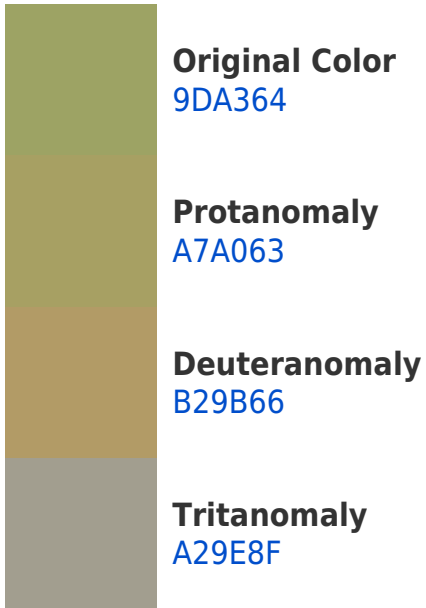
## Dichromacy



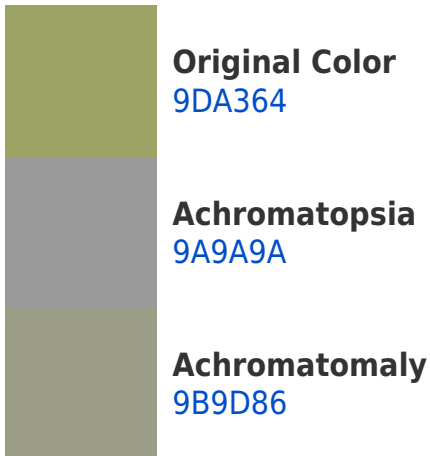


**Tritanopia**  
A59BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DA364 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 #9DA364 looks like.

```
.text, #text, p{  
    color:#9DA364  
}
```

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 #9DA364 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DA364
}
```

## Border

The CSS property to change the border of an element to Hex 9DA364 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
#9DA364 }
```

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

```
.border{ border-color:#9DA364 }
```

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

Here you see how a box with a 4 pixel #9DA364 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DA364; -webkit-box-shadow:4px 4px  
4px 4px #9DA364; box-shadow:4px 4px 4px  
4px #9DA364 }
```

# Background

The CSS property to change the background color of an element to Hex 9DA364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DA364 }
```

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

```
.background{ background-color:#9DA364 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor