

Converting Colors

Hex(9DA376)

Have a look what the booklet for
Hex(9DA376) contains.

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Color

Hex(9DA376)

Conversions

Conversions Part 1

Format	Color
Hex	9DA376
RGB	157, 163, 118
RGB Percent	62%, 64%, 46%
CMY	0.3843, 0.3608, 0.5373
CMYK	0.04, 0.00, 0.28, 0.36
HSL	68°, 20%, 55%
HSV	68°, 28%, 64%
XYZ	30.2718, 34.6705, 22.2361
YIQ	156.0760, 10.8690, -15.2670

Conversions

Conversions Part 2

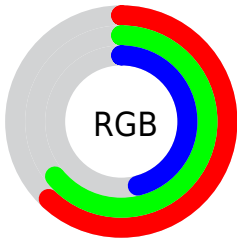
Format	Color
RYB	118, 163, 124
Decimal	10330998
CIELab	65.49, -9.80, 22.72
CIELCh	65, 24.747, 113.324
Yxy	34.6705, 0.3472, 0.3977
Android (android.graphics.Color)	4288521078 (0xFF9DA376)
YUV	156.0760, -18.7715, 0.8103
Hunter-Lab	58.8817, -11.2737, 18.8268

Details

The Hex color **9DA376** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7C76A3**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **D4DAAA**, and **696F45** is the 20% darker color. If you saturate the color by 10%, you get **9BA366**, and if you desaturate by 10%, it is **9FA386**.

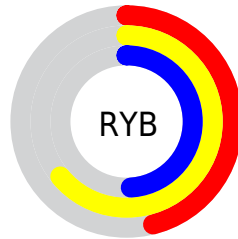
Distribution



Red (62%)

Green (64%)

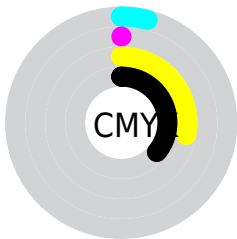
Blue (46%)



Red (46%)

Yellow (64%)

Blue (49%)

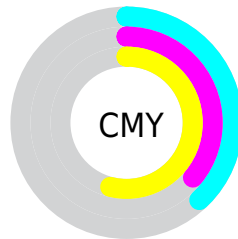


Cyan (4%)

Magenta (0%)

Yellow (28%)

Black (36%)



Cyan (38%)

Magenta (36%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DA376 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 9DA376 by changing the saturation by 10% instead.



9DA376



9DA376

FFFFFF



83895D



D4DAAA



696F45



F1F6C6



51572E



FFFFE2



394019



232A00



051600



000000



9DA376



9DA376



9BA366



9FA386

99A355

A1A397

96A345

A4A3A7

94A335

A6A3B7

92A325

A8A3C8

90A314

AAA3D8

8EA304

ACA3E8

8DA300

AEA3F8

B1A3FF

Harmonies

Analogous

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



B49C73



9DA376



84A884

Triad

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



9DA376



63A8C2



C88FA5

Complementary

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



9DA376



7C76A3

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.



B794BA



9DA376



7DA3CB

Square

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



9DA376



5DABB0



9C9BC8



CC908F

Rectangle

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



9DA376



73AB92



9C9BC8



C390AC

Sweetspot

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



9DA376



D1D4C3



A37C76



6A6B60



EBEBEB



6B6B6B

Same Dimension

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



9DA376



CAD48E



87A376



515249



7E9100



0F1200

Inverse Universe

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



7C76A3



978ED4



9376A3



4B4952



130091



020012

Previews

White Background



This preview shows how the Hex color 9DA376 looks on a white background.

Color Contrast Check

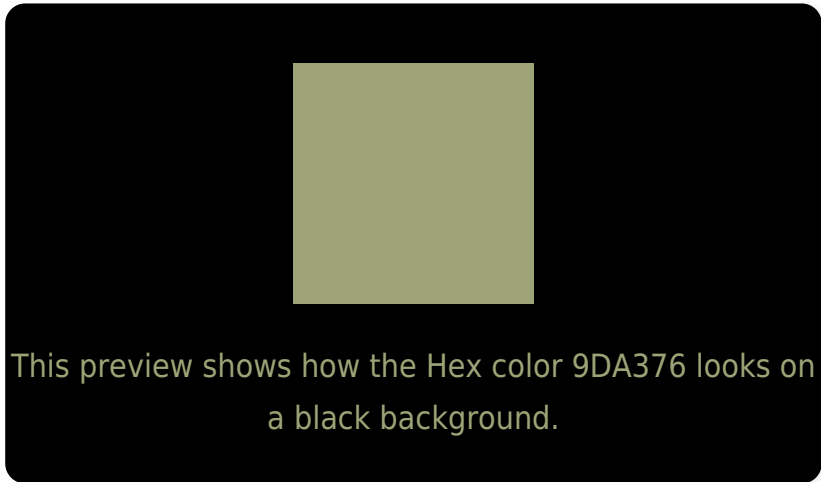
Large Text (above 18pt) WCAG AA × Fail

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

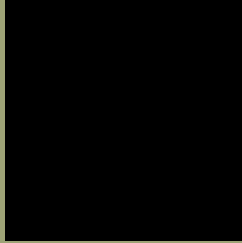
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

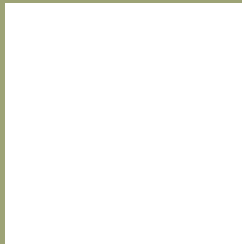
Any Text WCAG AAA ✓ Pass

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

Hex 9DA376 Background



This preview shows how black text looks on a background with the Hex color 9DA376.



This preview shows how white text looks on a background with the Hex color 9DA376.

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
9DA376

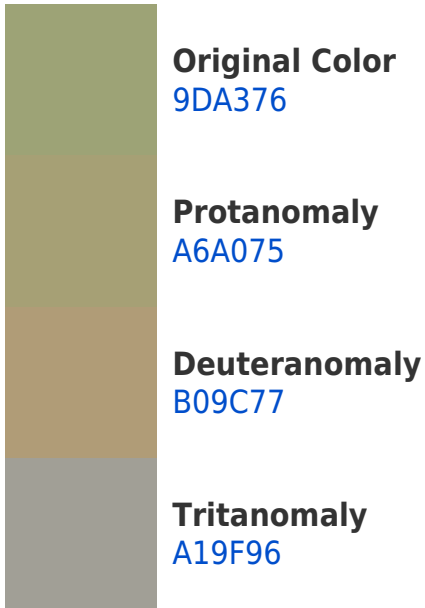
Protanopia
AB9F74

Deuteranopia
BB9878



Tritanopia
A49CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DA376 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 #9DA376 looks like.

```
.text, #text, p{  
    color:#9DA376  
}
```

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 #9DA376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DA376
}
```

Border

The CSS property to change the border of an element to Hex 9DA376 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
#9DA376 }
```

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

```
.border{ border-color:#9DA376 }
```

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

Here you see how a box with a 4 pixel #9DA376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DA376; -webkit-box-shadow:4px 4px  
4px 4px #9DA376; box-shadow:4px 4px 4px  
4px #9DA376 }
```

Background

The CSS property to change the background color of an element to Hex 9DA376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DA376 }
```

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

```
.background{ background-color:#9DA376 }
```

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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