

Converting Colors

Hex(94A376)

Have a look what the booklet for
Hex(94A376) contains.

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Color

Hex(94A376)

Conversions

Conversions Part 1

Format	Color
Hex	94A376
RGB	148, 163, 118
RGB Percent	58%, 64%, 46%
CMY	0.4196, 0.3608, 0.5373
CMYK	0.09, 0.00, 0.28, 0.36
HSL	80°, 20%, 55%
HSV	80°, 28%, 64%
XYZ	28.5799, 33.7983, 22.1569
YIQ	153.3850, 5.5050, -17.1750

Conversions

Conversions Part 2

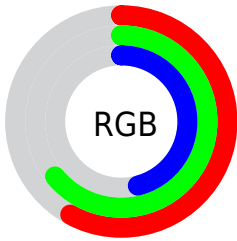
Format	Color
RYB	118, 163, 133
Decimal	9741174
CIELab	64.80, -13.31, 21.68
CIELCh	65, 25.437, 121.554
Yxy	33.7983, 0.3381, 0.3998
Android (android.graphics.Color)	4287931254 (0xFF94A376)
YUV	153.3850, -17.4448, -4.7226
Hunter-Lab	58.1363, -13.9875, 18.0988

Details

The Hex color **94A376** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8576A3**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **CADAAA**, and **616F45** is the 20% darker color. If you saturate the color by 10%, you get **8FA366**, and if you desaturate by 10%, it is **99A386**.

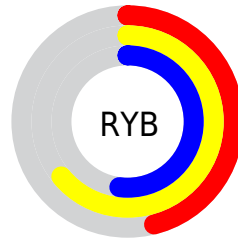
Distribution



Red (58%)

Green (64%)

Blue (46%)



Red (46%)

Yellow (64%)

Blue (52%)

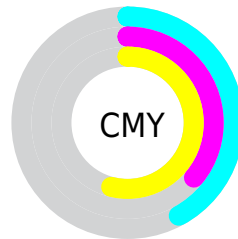


Cyan (9%)

Magenta (0%)

Yellow (28%)

Black (36%)



Cyan (42%)

Magenta (36%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94A376 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 94A376 by changing the saturation by 10% instead.



94A376



94A376

FFFFFF



7A895D



CADAAA



616F45



E7F6C6



49572E



FFFFE2



314019



1C2A00



001600



000000



94A376



94A376



8FA366



99A386

89A355

9FA397

84A345

A4A3A7

7EA335

AAA3B7

79A325

AFA3C8

73A314

B5A3D8

6EA304

BAA3E8

6DA300

BFA3F8

C5A3FF

Harmonies

Analogous

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



AC9C70



94A376



7AA887

Triad

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



94A376



65A5C4



C98D9D

Complementary

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



94A376



8576A3

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.



BB90B3



94A376



829FCA

Square

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



94A376



58A9B4



A297C4



CA8E86

Rectangle

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



94A376



69AA96



A297C4



C68DA5

Sweetspot

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



94A376



CED4C3



A38576



686B60



EBEBEB



6B6B6B

Same Dimension

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



94A376



BCD48E



7EA376



4F5249



619100



0C1200

Inverse Universe

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



8576A3



A58ED4



9C76A3



4C4952



300091



060012

Previews

White Background



This preview shows how the Hex color 94A376 looks on a white background.

Color Contrast Check

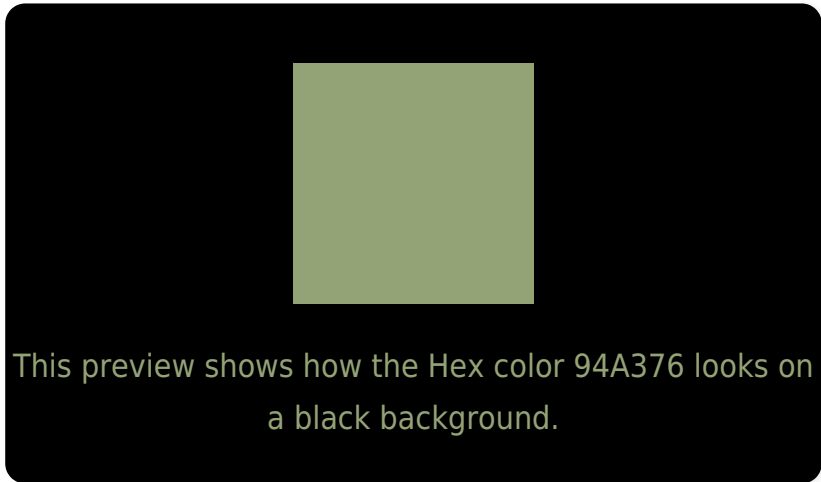
Large Text (above 18pt) WCAG AA × Fail

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

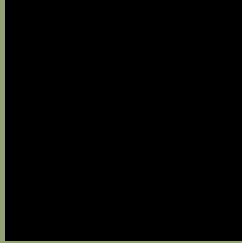
Any Text WCAG AA ✓ Pass

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 94A376 Background



This preview shows how black text looks on a background with the Hex color 94A376.

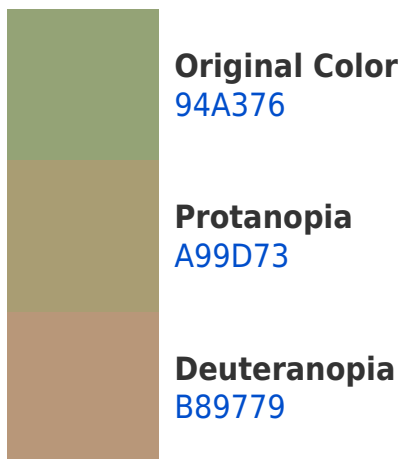


This preview shows how white text looks on a background with the Hex color 94A376.

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
9B9CA9

Trichromacy



Original Color
94A376

Protanomaly
A19F74

Deuteranomaly
AB9B78

Tritanomaly
989F96

Monochromacy



Original Color
94A376

Achromatopsia
999999

Achromatomaly
979D8C

CSS Examples

Text

The CSS property to change the color of the text to Hex 94A376 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 #94A376 looks like.

```
.text, #text, p{  
    color:#94A376  
}
```

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 #94A376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94A376
}
```

Border

The CSS property to change the border of an element to Hex 94A376 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
#94A376 }
```

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

```
.border{ border-color:#94A376 }
```

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

Here you see how a box with a 4 pixel #94A376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94A376; -webkit-box-shadow:4px 4px  
4px 4px #94A376; box-shadow:4px 4px 4px  
4px #94A376 }
```

Background

The CSS property to change the background color of an element to Hex 94A376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94A376 }
```

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

```
.background{ background-color:#94A376 }
```

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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