

Converting Colors

Hex(7AA964)

Have a look what the booklet for
Hex(7AA964) contains.

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Color

Hex(7AA964)

Conversions

Conversions Part 1

Format	Color
Hex	7AA964
RGB	122, 169, 100
RGB Percent	48%, 66%, 39%
CMY	0.5216, 0.3373, 0.6078
CMYK	0.28, 0.00, 0.41, 0.34
HSL	101°, 29%, 53%
HSV	101°, 41%, 66%
XYZ	24.5143, 33.4336, 17.2179
YIQ	147.0810, -5.8630, -31.4230

Conversions

Conversions Part 2

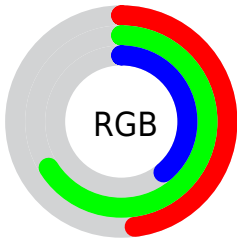
Format	Color
RYB	100, 169, 147
Decimal	8038756
CIELab	64.51, -28.76, 30.66
CIELCh	65, 42.035, 133.167
Yxy	33.4336, 0.3261, 0.4448
Android (android.graphics.Color)	4286228836 (0xFF7AA964)
YUV	147.0810, -23.2109, -21.9960
Hunter-Lab	57.8218, -25.5109, 22.8202

Details

The Hex color **7AA964** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9364A9**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **B0E098**, and **477534** is the 20% darker color. If you saturate the color by 10%, you get **6EA953**, and if you desaturate by 10%, it is **86A975**.

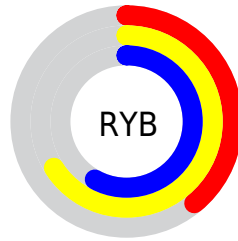
Distribution



Red (48%)

Green (66%)

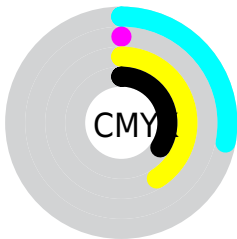
Blue (39%)



Red (39%)

Yellow (66%)

Blue (58%)

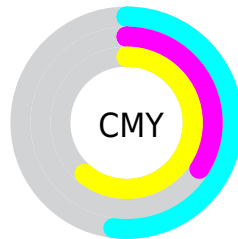


Cyan (28%)

Magenta (0%)

Yellow (41%)

Black (34%)



Cyan (52%)

Magenta (34%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AA964 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 7AA964 by changing the saturation by 10% instead.

 7AA964

 7AA964

FFFFFF

 608E4B

 B0E098

 477534

 CCFDB3

 2E5C1C

 E8FFCF

 144404

 FFFFEB

 002D00

 001800

 000000

 7AA964

 7AA964

 6EA953

 86A975

63A942

91A986

57A931

9DA997

4CA920

A8A9A8

40A90F

B4A9B8

36A900

BFA9C9

CBA9DA

D6A9EB

E2A9FC

Harmonies

Analogous

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



A4A051



7AA964



45AE85

Triad

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



7AA964



29A6E4



E47E8D

Complementary

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



7AA964



9364A9

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.



D881B3



7AA964



7E9BE5

Square

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



7AA964



00ADCF



B58CD3



DD866B

Rectangle

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



7AA964



00B09F



B58CD3



E27E9A

Sweetspot

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



7AA964



C9DBC1



A99264



636E5E



EDEDED



6E6E6E

Same Dimension

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



7AA964



92DB70



64A96F



4E544C



2F9400



071400

Inverse Universe

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



9364A9



B970DB



A9649D



514C54



650094



0E0014

Previews

White Background



This preview shows how the Hex color 7AA964 looks on a white background.

Color Contrast Check

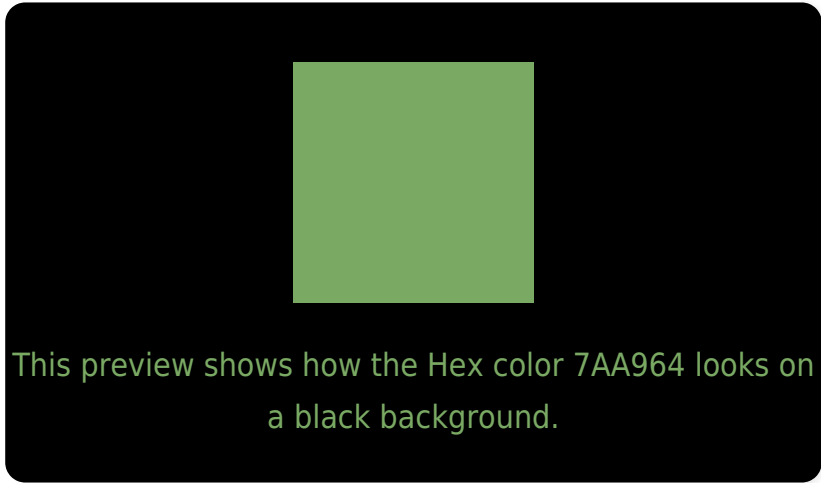
Large Text (above 18pt) WCAG AA × Fail

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

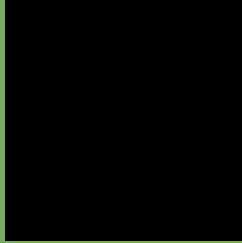
Any Text WCAG AA ✓ Pass

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 7AA964 Background



This preview shows how black text looks on a background with the Hex color 7AA964.

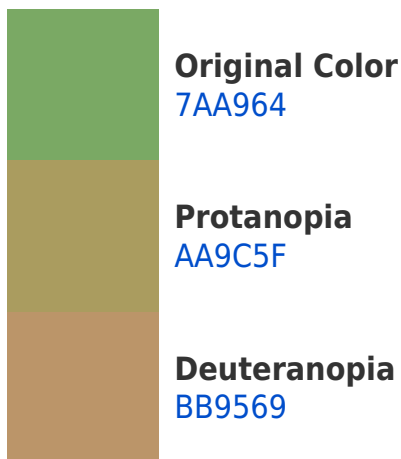


This preview shows how white text looks on a background with the Hex color 7AA964.

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](#).

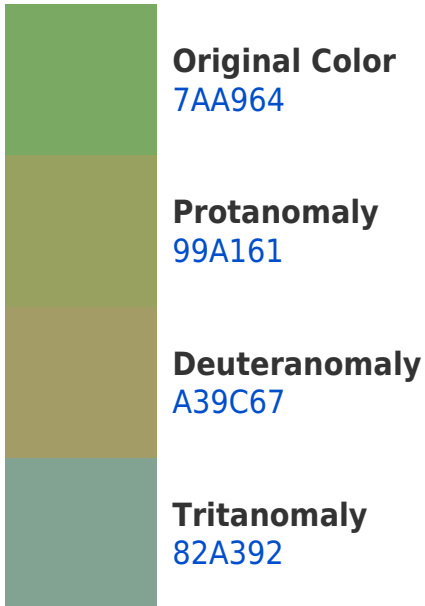
Dichromacy



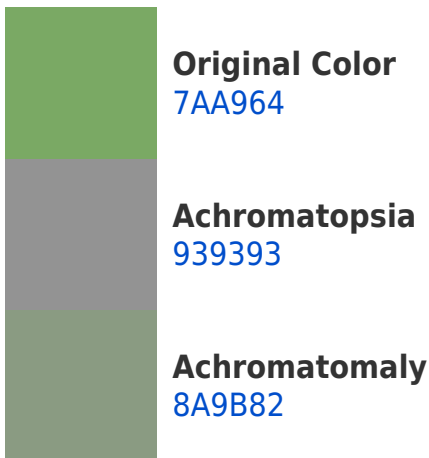


Tritanopia
86A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7AA964 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 #7AA964 looks like.

```
.text, #text, p{  
    color:#7AA964  
}
```

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 #7AA964 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AA964
}
```

Border

The CSS property to change the border of an element to Hex 7AA964 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
#7AA964 }
```

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

```
.border{ border-color:#7AA964 }
```

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

Here you see how a box with a 4 pixel #7AA964 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AA964; -webkit-box-shadow:4px 4px  
4px 4px #7AA964; box-shadow:4px 4px 4px  
4px #7AA964 }
```

Background

The CSS property to change the background color of an element to Hex 7AA964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AA964 }
```

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

```
.background{ background-color:#7AA964 }
```

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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