

Converting Colors

Hex(7AA94B)

Have a look what the booklet for
Hex(7AA94B) contains.

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Color

Hex(7AA94B)

Conversions

Conversions Part 1

Format	Color
Hex	7AA94B
RGB	122, 169, 75
RGB Percent	48%, 66%, 29%
CMY	0.5216, 0.3373, 0.7059
CMYK	0.28, 0.00, 0.56, 0.34
HSL	90°, 39%, 48%
HSV	90°, 56%, 66%
XYZ	23.4840, 33.0215, 11.7927
YIQ	144.2310, 2.1620, -39.1980

Conversions

Conversions Part 2

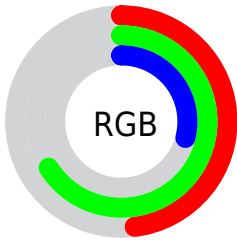
Format	Color
RYB	75, 169, 122
Decimal	8038731
CIELab	64.18, -31.85, 42.90
CIElCh	64, 53.433, 126.586
Yxy	33.0215, 0.3438, 0.4835
Android (android.graphics.Color)	4286228811 (0xFF7AA94B)
YUV	144.2310, -34.1309, -19.4966
Hunter-Lab	57.4643, -27.6148, 28.0577

Details

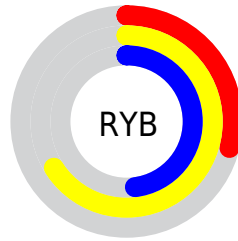
The Hex color **7AA94B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7A4BA9**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **B1E17F**, and **467518** is the 20% darker color. If you saturate the color by 10%, you get **72A93A**, and if you desaturate by 10%, it is **82A95C**.

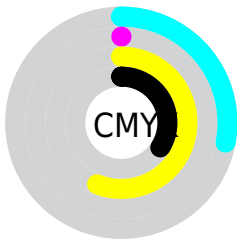
Distribution



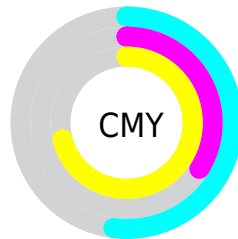
- Red (48%)
- Green (66%)
- Blue (29%)



- Red (29%)
- Yellow (66%)
- Blue (48%)



- Cyan (28%)
- Magenta (0%)
- Yellow (56%)
- Black (34%)



- Cyan (52%)
- Magenta (34%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AA94B 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 7AA94B by changing the saturation by 10% instead.

 7AA94B

 7AA94B

FFFFFF

 608E32

 B1E17F

 467518

 CDFD99

 2B5C00

 EAFFB5

 114400

 FFFFFD1

 002D00

 FFFFED

 001700

 000000

 7AA94B

 7AA94B

 72A93A

 82A95C

 69A929

 8BA96D

 61A918

 93A97E

 58A907

 9CA98F

 54A900

 A4A99F

 ADA9B0

 B5A9C1

 BEA9D2

 C6A9E3

Harmonies

Analogous

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



AC9C37



7AA94B



2DB074

Triad

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



7AA94B



00ABF2



F37193

Complementary

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



7AA94B



7A4BA9

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.



DE79C2



7AA94B



549DFA

Square

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



7AA94B



00B2D3



AC8BE8



EE7A65

Rectangle

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



7AA94B



00B394



AC8BE8



EF72A3

Sweetspot

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



7AA94B



C9DBB6



A97A4B



636E58



EDEDED



6E6E6E

Same Dimension

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



7AA94B



92DB48



4BA94B



50544C



4A9400



0A1400

Inverse Universe

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



7A4BA9



9248DB



A94BA9



504C54



4A0094



0A0014

Previews

White Background



This preview shows how the Hex color 7AA94B looks on a white background.

Color Contrast Check

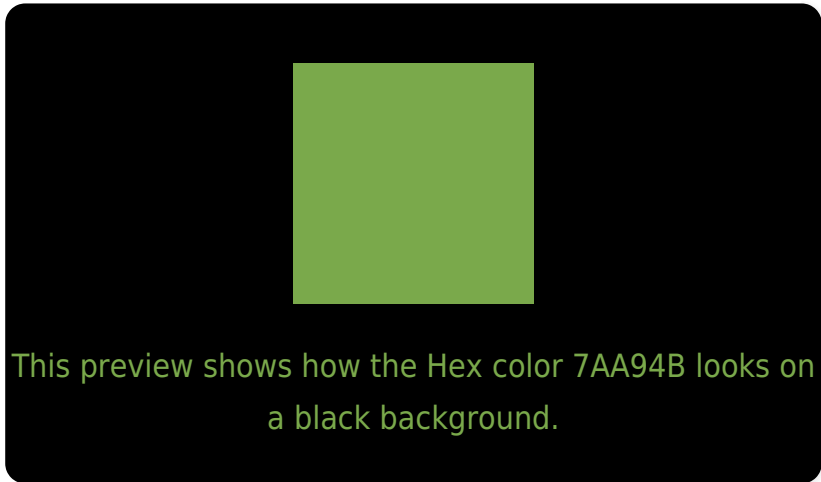
Large Text (above 18pt) WCAG AA × Fail

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 7AA94B Background



This preview shows how black text looks on a background with the Hex color 7AA94B.

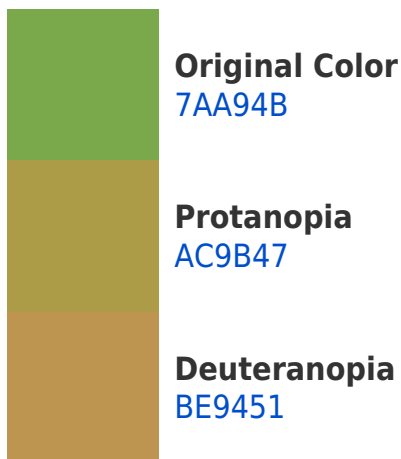


This preview shows how white text looks on a background with the Hex color 7AA94B.

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](#).

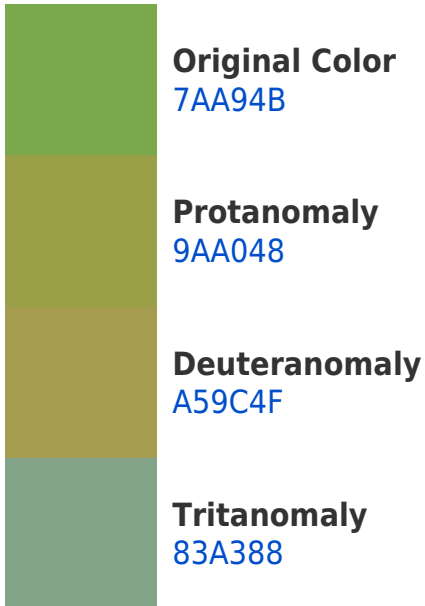
Dichromacy



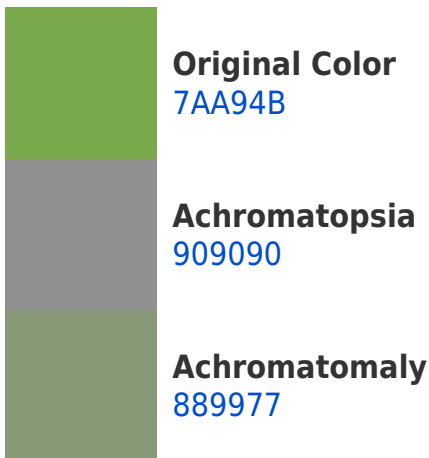


Tritanopia
889FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7AA94B 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 #7AA94B looks like.

```
.text, #text, p{  
    color:#7AA94B  
}
```

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 #7AA94B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AA94B
}
```

Border

The CSS property to change the border of an element to Hex 7AA94B 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
#7AA94B }
```

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

```
.border{ border-color:#7AA94B }
```

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

Here you see how a box with a 4 pixel #7AA94B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AA94B; -webkit-box-shadow:4px 4px  
4px 4px #7AA94B; box-shadow:4px 4px 4px  
4px #7AA94B }
```

Background

The CSS property to change the background color of an element to Hex 7AA94B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AA94B }
```

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

```
.background{ background-color:#7AA94B }
```

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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