

Converting Colors

Hex(7AAE59)

Have a look what the booklet for
Hex(7AAE59) contains.

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Color

Hex(7AAE59)

Conversions

Conversions Part 1

Format	Color
Hex	7AAE59
RGB	122, 174, 89
RGB Percent	48%, 68%, 35%
CMY	0.5216, 0.3176, 0.6510
CMYK	0.30, 0.00, 0.49, 0.32
HSL	97°, 34%, 52%
HSV	97°, 49%, 68%
XYZ	24.9653, 35.1309, 14.9163
YIQ	148.7620, -3.7070, -37.4590

Conversions

Conversions Part 2

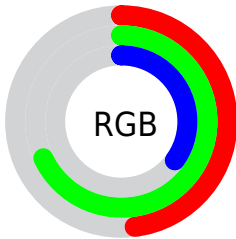
Format	Color
RYB	89, 174, 141
Decimal	8040025
CIELab	65.85, -32.59, 38.02
CIElCh	66, 50.078, 130.605
Yxy	35.1309, 0.3328, 0.4683
Android (android.graphics.Color)	4286230105 (0xFF7AAE59)
YUV	148.7620, -29.4627, -23.4703
Hunter-Lab	59.2714, -28.5402, 26.5689

Details

The Hex color **7AAE59** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8D59AE**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **B0E68D**, and **467928** is the 20% darker color. If you saturate the color by 10%, you get **6FAE48**, and if you desaturate by 10%, it is **85AE6A**.

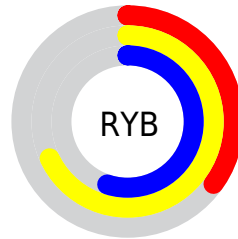
Distribution



Red (48%)

Green (68%)

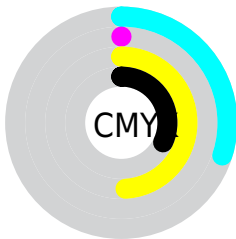
Blue (35%)



Red (35%)

Yellow (68%)

Blue (55%)

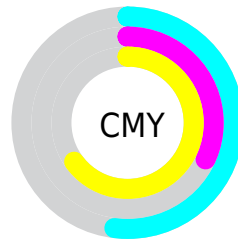


Cyan (30%)

Magenta (0%)

Yellow (49%)

Black (32%)



Cyan (52%)

Magenta (32%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AAE59 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 7AAE59 by changing the saturation by 10% instead.



7AAE59



7AAE59

FFFFFF



609340



B0E68D



467928



CDFFA8



2C600E



E9FFC3



104800



FFFFDF



003100



FFFFFC



001D00



000000



7AAE59



7AAE59



6FAE48



85AE6A

 65AE36

 8FAE7C

 5AAE25

 9AAE8D

 4FAE13

 A5AE9F

 45AE02

 AFAEB0

 44AE00

 BAAEC1

 C5AED3

 CFAEE4

 DAAEF6

Harmonies

Analogous

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



ABA344



7AAE59



32B581

Triad

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



7AAE59



00ADF4



F47A92

Complementary

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



7AAE59



8D59AE

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.



E37EBF



7AAE59



709FF8

Square

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



7AAE59



00B4D9



B88EE4



ED8368

Rectangle

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



7AAE59



00B69F



B88EE4



F17AA1

Sweetspot

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



7AAE59



CEE3C1



AE8C59



66735E



F2F2F2



737373

Same Dimension

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



7AAE59



91E35D



59AE61



51574E



3A9600



091700

Inverse Universe

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



8D59AE



AF5DE3



AE59A6



534E57



5C0096



0E0017

Previews

White Background



This preview shows how the Hex color 7AAE59 looks on a white background.

Color Contrast Check

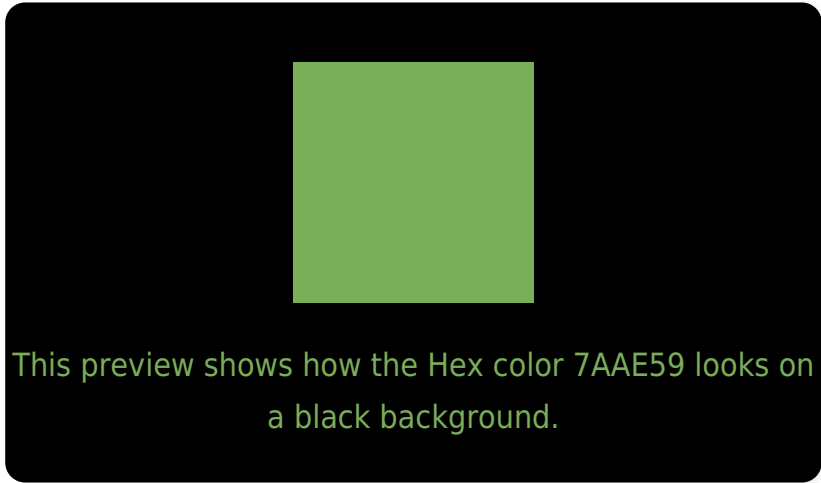
Large Text (above 18pt) WCAG AA × Fail

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 7AAE59 Background



This preview shows how black text looks on a background with the Hex color 7AAE59.

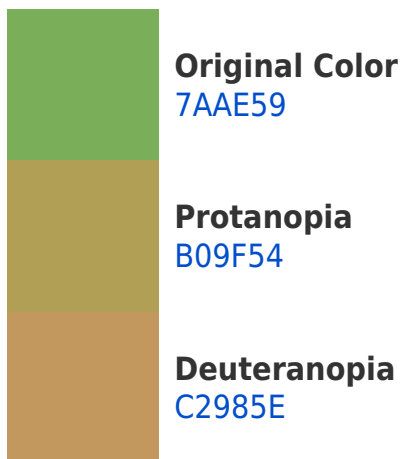


This preview shows how white text looks on a background with the Hex color 7AAE59.

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](#).

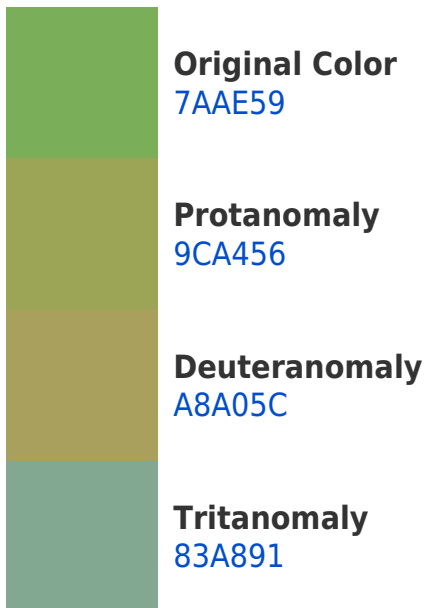
Dichromacy



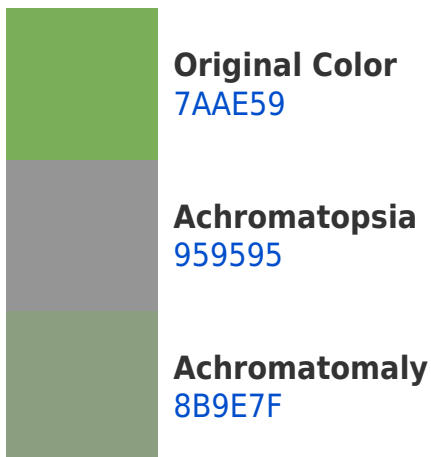


Tritanopia
88A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7AAE59 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 #7AAE59 looks like.

```
.text, #text, p{  
    color:#7AAE59  
}
```

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 #7AAE59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AAE59
}
```

Border

The CSS property to change the border of an element to Hex 7AAE59 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
#7AAE59 }
```

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

```
.border{ border-color:#7AAE59 }
```

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

Here you see how a box with a 4 pixel #7AAE59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AAE59; -webkit-box-shadow:4px 4px  
4px 4px #7AAE59; box-shadow:4px 4px 4px  
4px #7AAE59 }
```

Background

The CSS property to change the background color of an element to Hex 7AAE59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AAE59 }
```

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

```
.background{ background-color:#7AAE59 }
```

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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