

Converting Colors

Hex(7AA55E)

Have a look what the booklet for
Hex(7AA55E) contains.

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Color

Hex(7AA55E)

Conversions

Conversions Part 1

Format	Color
Hex	7AA55E
RGB	122, 165, 94
RGB Percent	48%, 65%, 37%
CMY	0.5216, 0.3529, 0.6314
CMYK	0.26, 0.00, 0.43, 0.35
HSL	96°, 28%, 51%
HSV	96°, 43%, 65%
XYZ	23.5016, 31.8560, 15.4998
YIQ	144.0490, -2.8370, -31.1970

Conversions

Conversions Part 2

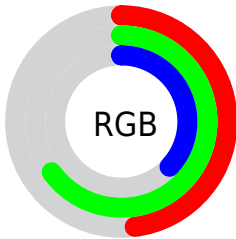
Format	Color
RYB	94, 165, 137
Decimal	8037726
CIELab	63.22, -27.66, 32.16
CIELCh	63, 42.419, 130.689
Yxy	31.8560, 0.3317, 0.4496
Android (android.graphics.Color)	4286227806 (0xFF7AA55E)
YUV	144.0490, -24.6742, -19.3370
Hunter-Lab	56.4411, -24.4462, 23.2266

Details

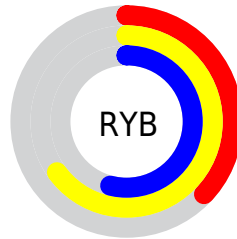
The Hex color **7AA55E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **895EA5**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **B0DC91**, and **47712E** is the 20% darker color. If you saturate the color by 10%, you get **70A54E**, and if you desaturate by 10%, it is **84A56E**.

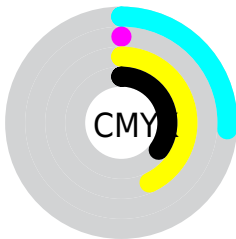
Distribution



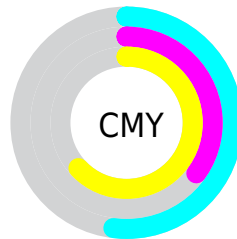
- Red (48%)
- Green (65%)
- Blue (37%)



- Red (37%)
- Yellow (65%)
- Blue (54%)



- Cyan (26%)
- Magenta (0%)
- Yellow (43%)
- Black (35%)



- Cyan (52%)
- Magenta (35%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AA55E 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 7AA55E by changing the saturation by 10% instead.



7AA55E



7AA55E

FFFFFF



608B46



B0DC91



47712E



CCF9AC



2E5816



E8FFC8



154000



FFFFE4



002A00



001300



000000



7AA55E



7AA55E



70A54E



84A56E

 66A53D

 8EA57F

 5CA52C

 98A58F

 52A51C

 A2A5A0

 48A50C

 ACA5B0

 41A500

 B6A5C1

 C0A5D2

 CAA5E2

 D4A5F3

Harmonies

Analogous

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



A39B4D



7AA55E



45AB7F

Triad

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



7AA55E



05A4E0



E17A8D

Complementary

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



7AA55E



895EA5

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.



D27EB3



7AA55E



7598E3

Square

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



7AA55E



00AAC9



AE8AD2



DB816A

Rectangle

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



7AA55E



00AC99



AE8AD2



DE7A9A

Sweetspot

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



7AA55E



C5D6BA



A5895E



616B5A



EBEBEB



6B6B6B

Same Dimension

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



7AA55E



93D667



5EA565



4D5249



399100



071200

Inverse Universe

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



895EA5



AA67D6



A55E9E



4E4952



580091



0B0012

Previews

White Background



This preview shows how the Hex color 7AA55E looks on a white background.

Color Contrast Check

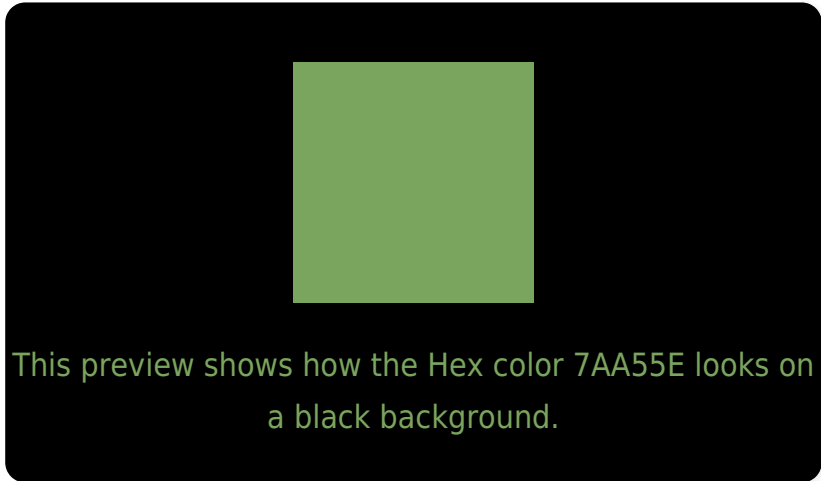
Large Text (above 18pt) WCAG AA × Fail

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

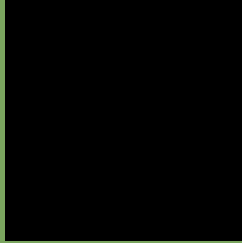
Any Text WCAG AA ✓ Pass

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 7AA55E Background



This preview shows how black text looks on a background with the Hex color 7AA55E.

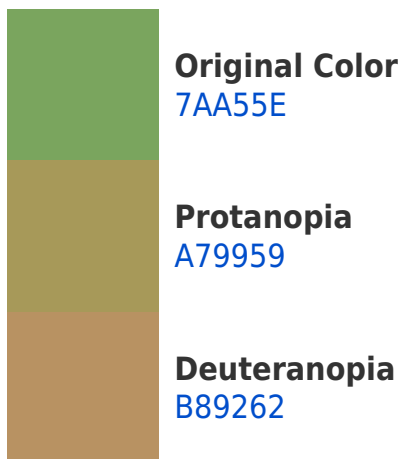


This preview shows how white text looks on a background with the Hex color 7AA55E.

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](#).

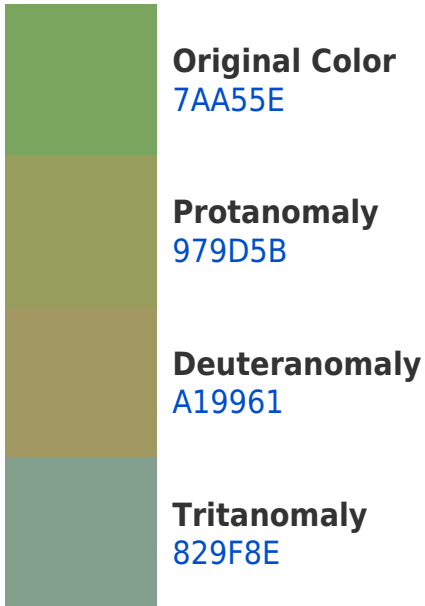
Dichromacy



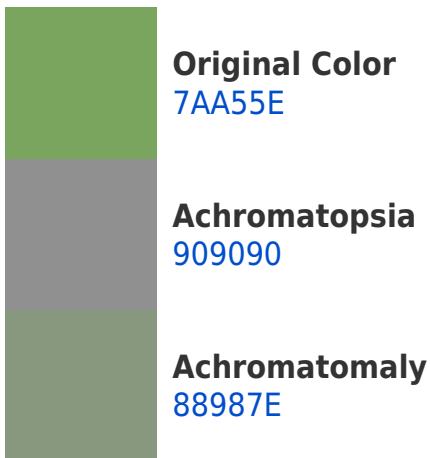


Tritanopia
869CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7AA55E 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 #7AA55E looks like.

```
.text, #text, p{  
    color:#7AA55E  
}
```

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 #7AA55E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AA55E
}
```

Border

The CSS property to change the border of an element to Hex 7AA55E 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
#7AA55E }
```

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

```
.border{ border-color:#7AA55E }
```

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

Here you see how a box with a 4 pixel #7AA55E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AA55E; -webkit-box-shadow:4px 4px  
4px 4px #7AA55E; box-shadow:4px 4px 4px  
4px #7AA55E }
```

Background

The CSS property to change the background color of an element to Hex 7AA55E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AA55E }
```

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

```
.background{ background-color:#7AA55E }
```

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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