

# Converting Colors

Hex(7AA56D)

Have a look what the booklet for  
Hex(7AA56D) contains.

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# **Color**

**Hex(7AA56D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AA56D
RGB	122, 165, 109
RGB Percent	48%, 65%, 43%
CMY	0.5216, 0.3529, 0.5725
CMYK	0.26, 0.00, 0.34, 0.35
HSL	106°, 24%, 54%
HSV	106°, 34%, 65%
XYZ	24.2415, 32.1520, 19.3963
YIQ	145.7590, -7.6520, -26.5320

# Conversions

## Conversions Part 2

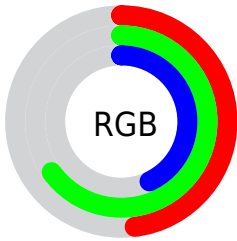
Format	Color
<a href="#">RYB</a>	<a href="#">109, 165, 152</a>
Decimal	<a href="#">8037741</a>
CIELab	<a href="#">63.47, -25.45, 24.48</a>
CIELCh	<a href="#">63, 35.313, 136.112</a>
Yxy	<a href="#">32.1520, 0.3199, 0.4242</a>
Android (android.graphics.Color)	<a href="#">4286227821 (0xFF7AA56D)</a>
YUV	<a href="#">145.7590, -18.1222, -20.8366</a>
Hunter-Lab	<a href="#">56.7027, -22.9176, 19.4106</a>

# Details

The Hex color **7AA56D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **986DA5**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **B0DCA1**, and **47713D** is the 20% darker color. If you saturate the color by 10%, you get **6DA55C**, and if you desaturate by 10%, it is **87A57D**.

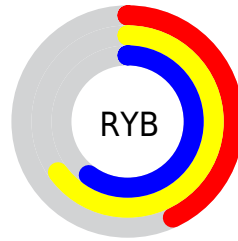
# Distribution



Red (48%)

Green (65%)

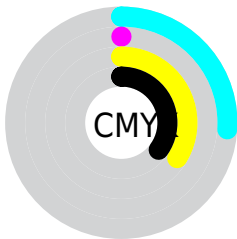
Blue (43%)



Red (43%)

Yellow (65%)

Blue (60%)

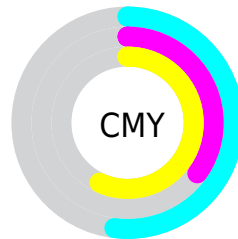


Cyan (26%)

Magenta (0%)

Yellow (34%)

Black (35%)



Cyan (52%)

Magenta (35%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AA56D 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 7AA56D by changing the saturation by 10% instead.



 7AA56D

 7AA56D

FFFFFF

 608B54

 B0DCA1

 47713D

 CBF9BC

 2F5826

 E8FFD8

 174010

 FFFFF5

 022A00

 001400

 000000

 7AA56D

 7AA56D

 6DA55C

 87A57D

 61A54C

 93A58E

 54A53B

 A0A59E

 47A52B

 ADA5AF

 3BA51B

 B9A5BF

 2EA50A

 C6A5D0

 26A500

 D3A5E0

 DFA5F1

 ECA5FF

# Harmonies

## Analogous

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



9D9D5C



7AA56D



52A98A

# Triad

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



7AA56D



51A1D6



D7828A

# Complementary

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



7AA56D



986DA5

# 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.



CE83AA



7AA56D



8897D6

# Square

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



7AA56D



15A8C6



B28BC5



D0886E

# Rectangle

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



7AA56D



32AB9F



B28BC5



D68194



# Sweetspot

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



7AA56D



C6D6C1



A5986D



616B5E



EBEBEB



6B6B6B



# Same Dimension

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



7AA56D



93D67E



6DA57C



4B5249



229100



041200



# Inverse Universe

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



986DA5



C27ED6



A56D96



504952



700091



0E0012



# Previews

## White Background



This preview shows how the Hex color 7AA56D looks on a white background.

## Color Contrast Check

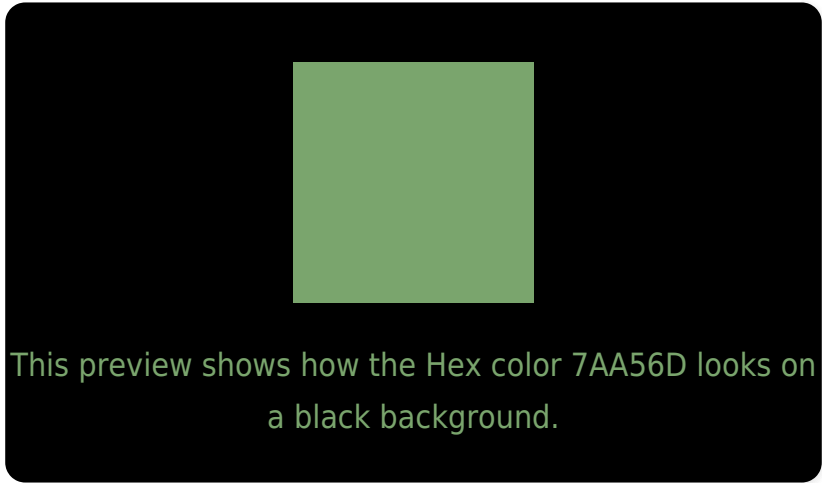
Large Text (above 18pt) WCAG AA × Fail

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 7AA56D Background



This preview shows how black text looks on a background with the Hex color 7AA56D.



This preview shows how white text looks on a background with the Hex color 7AA56D.

# 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**  
849DAA

# Trichromacy



**Original Color**  
7AA56D

**Protanomaly**  
969D6A

**Deuteranomaly**  
A09A70

**Tritanomaly**  
80A094

# Monochromacy



**Original Color**  
7AA56D

**Achromatopsia**  
929292

**Achromatomaly**  
899985

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AA56D 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 #7AA56D looks like.

```
.text, #text, p{  
    color:#7AA56D  
}
```

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 #7AA56D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AA56D
}
```

## Border

The CSS property to change the border of an element to Hex 7AA56D 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
#7AA56D }
```

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

```
.border{ border-color:#7AA56D }
```

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

Here you see how a box with a 4 pixel #7AA56D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AA56D; -webkit-box-shadow:4px 4px  
4px 4px #7AA56D; box-shadow:4px 4px 4px  
4px #7AA56D }
```

# Background

The CSS property to change the background color of an element to Hex 7AA56D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AA56D }
```

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

```
.background{ background-color:#7AA56D }
```

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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