

# Converting Colors

Hex(7AA775)

Have a look what the booklet for  
Hex(7AA775) contains.

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**Color**

**Hex(7AA775)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AA775
RGB	122, 167, 117
RGB Percent	48%, 65%, 46%
CMY	0.5216, 0.3451, 0.5412
CMYK	0.27, 0.00, 0.30, 0.35
HSL	114°, 22%, 56%
HSV	114°, 30%, 65%
XYZ	25.0556, 33.0594, 21.8901
YIQ	147.8450, -10.7700, -25.0900

# Conversions

## Conversions Part 2

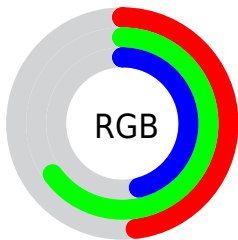
Format	Color
<a href="#">RYB</a>	<a href="#">117, 167, 162</a>
Decimal	<a href="#">8038261</a>
CIELab	<a href="#">64.21, -25.13, 21.13</a>
CIELCh	<a href="#">64, 32.832, 139.947</a>
Yxy	<a href="#">33.0594, 0.3132, 0.4132</a>
Android (android.graphics.Color)	<a href="#">4286228341 (0xFF7AA775)</a>
YUV	<a href="#">147.8450, -15.2066, -22.6661</a>
Hunter-Lab	<a href="#">57.4973, -22.8351, 17.6754</a>

# Details

The Hex color **7AA775** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A275A7**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **AFDEA9**, and **487344** is the 20% darker color. If you saturate the color by 10%, you get **6BA764**, and if you desaturate by 10%, it is **89A786**.

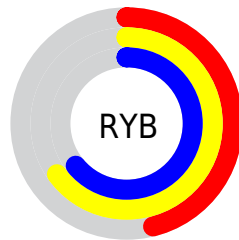
# Distribution



Red (48%)

Green (65%)

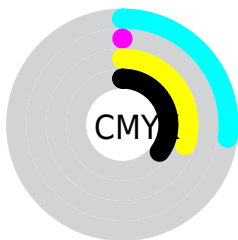
Blue (46%)



Red (46%)

Yellow (65%)

Blue (64%)

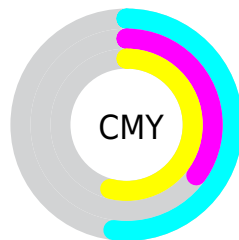


Cyan (27%)

Magenta (0%)

Yellow (30%)

Black (35%)



Cyan (52%)

Magenta (35%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AA775 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 7AA775 by changing the saturation by 10% instead.





7AA775



7AA775

FFFFFF



608C5C



AFDEA9



487344



CBFBC5



2F5A2D



E8FFE1



174218

FFFFFFE



012C00



001700



000000



7AA775



7AA775



6BA764



89A786

 5CA754

 98A796

 4DA743

 A7A7A7

 3EA732

 B6A7B8

 2FA721

 C5A7C8

 20A711

 D4A7D9

 11A700

 E3A7EA

 F2A7FB

 FFA7FF

# Harmonies

## Analogous

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



9CA064



7AA775



56AB90

# Triad

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



7AA775



62A1D5



D58689

# Complementary

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



7AA775



A275A7

# 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.



CE86A7



7AA775



9198D3

# Square

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



7AA775



37A8C8



B78DC2



CD8D70

# Rectangle

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



7AA775



3EACA5



B78DC2



D58593



# Sweetspot

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



7AA775



C7D9C5



A7A275



636E62



EDEDED



6E6E6E



# Same Dimension

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



7AA775



93D98B



75A789



4D544C



0F9400



021400



# Inverse Universe

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



A275A7



D18BD9



A77593



534C54



850094



120014



# Previews

## White Background



This preview shows how the Hex color 7AA775 looks on a white background.

## Color Contrast Check

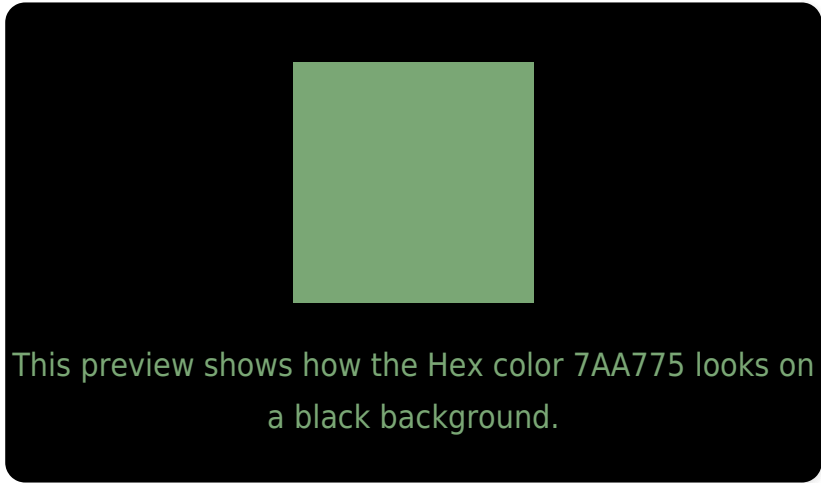
Large Text (above 18pt) WCAG AA × Fail

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

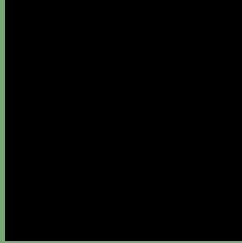
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7AA775 Background



This preview shows how black text looks on a background with the Hex color 7AA775.

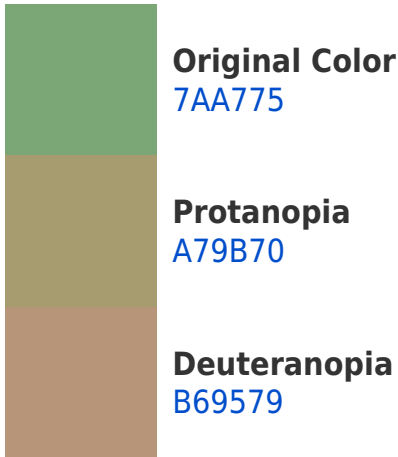



This preview shows how white text looks on a background with the Hex color 7AA775.

# 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**  
84A0AD

# Trichromacy



**Original Color**  
7AA775

**Protanomaly**  
979F72

**Deuteranomaly**  
A09C78

**Tritanomaly**  
80A399

# Monochromacy



**Original Color**  
7AA775

**Achromatopsia**  
949494

**Achromatomaly**  
8B9B89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AA775 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 #7AA775 looks like.

```
.text, #text, p{  
    color:#7AA775  
}
```

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 #7AA775 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AA775
}
```

## Border

The CSS property to change the border of an element to Hex 7AA775 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
#7AA775 }
```

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

```
.border{ border-color:#7AA775 }
```

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

Here you see how a box with a 4 pixel #7AA775 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AA775; -webkit-box-shadow:4px 4px  
4px 4px #7AA775; box-shadow:4px 4px 4px  
4px #7AA775 }
```

# Background

The CSS property to change the background color of an element to Hex 7AA775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AA775 }
```

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

```
.background{ background-color:#7AA775 }
```

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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