

# Converting Colors

Hex(7AA630)

Have a look what the booklet for  
Hex(7AA630) contains.

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**Color**

**Hex(7AA630)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 7AA630                      |
| RGB         | 122, 166, 48                |
| RGB Percent | 48%, 65%, 19%               |
| CMY         | 0.5216, 0.3490, 0.8118      |
| CMYK        | 0.27, 0.00, 0.71, 0.35      |
| HSL         | 82°, 55%, 42%               |
| HSV         | 82°, 71%, 65%               |
| XYZ         | 22.1958, 31.6234, 7.7304    |
| YIQ         | 139.3920, 11.6540, -46.0260 |

# Conversions

## Conversions Part 2

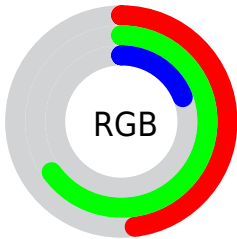
| Format                              | Color                           |
|-------------------------------------|---------------------------------|
| <a href="#">RYB</a>                 | 48, 166, 92                     |
| Decimal                             | 8037936                         |
| CIELab                              | 63.03, -32.75, 53.44            |
| CIElCh                              | 63, 62.678, 121.496             |
| Yxy                                 | 31.6234, 0.3606,<br>0.5138      |
| Android<br>(android.graphics.Color) | 4286228016<br>(0xFF7AA630)      |
| YUV                                 | 139.3920, -45.0563,<br>-15.2528 |
| Hunter-Lab                          | 56.2347, -27.9570,<br>31.2139   |

# Details

The Hex color **7AA630** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5C30A6**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B1DD65**, and **447200** is the 20% darker color. If you saturate the color by 10%, you get **74A61F**, and if you desaturate by 10%, it is **80A641**.

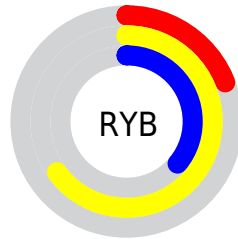
# Distribution



Red (48%)

Green (65%)

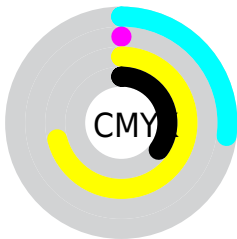
Blue (19%)



Red (19%)

Yellow (65%)

Blue (36%)

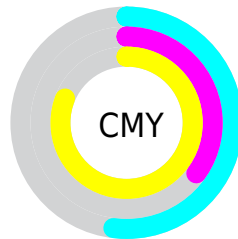


Cyan (27%)

Magenta (0%)

Yellow (71%)

Black (35%)



Cyan (52%)

Magenta (35%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AA630 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 7AA630 by changing the saturation by 10% instead.



 7AA630

 7AA630

FFFFFF

 5F8B11

 B1DD65

 447200

 CEFA80

 2A5900

 EBFF9B

 094100

 FFFFB7

 002B00

 FFFFD4

 001300

 FFFFF1

 000000

 7AA630

 7AA630

 74A61F

 80A641

 6EA60F

 86A651

 68A600

 8DA662

 93A672

 99A683

 9FA694

 A5A6A4

 ACA6B5

 B2A6C5

# Harmonies

## Analogous

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



B29718



7AA630



12AF61

# Triad

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



7AA630



00ACFA



FB6398

# Complementary

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



7AA630



5C30A6

# 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.



DE70CF



7AA630



009EFF

# Square

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



7AA630



00B2D1



9C89F8



F96C62

# Rectangle

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



7AA630



00B286



9C89F8



F565AB



# Sweetspot

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



7AA630



C8D9AB



A65B30



636E52



EDEDED



6E6E6E



# Same Dimension

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



7AA630



94D921



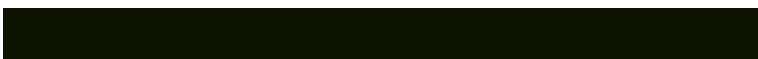
40A630



51544C



5D9400



0D1400



# Inverse Universe

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



5C30A6



6521D9



9630A6



4F4C54



370094



080014



# Previews

## White Background



This preview shows how the Hex color 7AA630 looks on a white background.

## Color Contrast Check

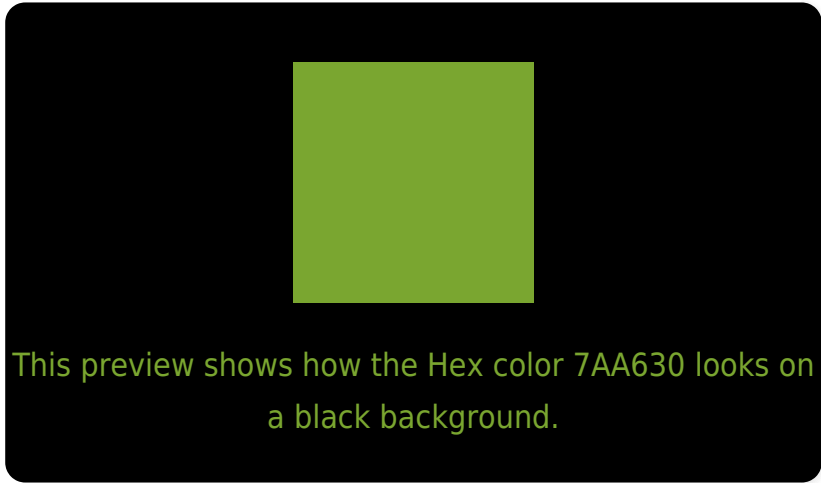
Large Text (above 18pt) WCAG AA × Fail

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 7AA630 Background



This preview shows how black text looks on a background with the Hex color 7AA630.



This preview shows how white text looks on a background with the Hex color 7AA630.

# 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



**Original Color**  
7AA630

**Protanopia**  
AA982C

**Deuteranopia**  
BE9038



**Tritanopia**  
889BA7

# Trichromacy



**Original Color**  
7AA630

**Protanomaly**  
999D2D

**Deuteranomaly**  
A59835

**Tritanomaly**  
839F7C

# Monochromacy



**Original Color**  
7AA630

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
85956A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AA630 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 #7AA630 looks like.

```
.text, #text, p{  
    color:#7AA630  
}
```

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 #7AA630 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AA630
}
```

## Border

The CSS property to change the border of an element to Hex 7AA630 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
#7AA630 }
```

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

```
.border{ border-color:#7AA630 }
```

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

Here you see how a box with a 4 pixel #7AA630 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AA630; -webkit-box-shadow:4px 4px  
4px 4px #7AA630; box-shadow:4px 4px 4px  
4px #7AA630 }
```

# Background

The CSS property to change the background color of an element to Hex 7AA630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AA630 }
```

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

```
.background{ background-color:#7AA630 }
```

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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