

# Converting Colors

Hex(7AA400)

Have a look what the booklet for  
Hex(7AA400) contains.

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**Color**

**Hex(7AA400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AA400
RGB	122, 164, 0
RGB Percent	48%, 64%, 0%
CMY	0.5216, 0.3569, 1.0000
CMYK	0.26, 0.00, 1.00, 0.36
HSL	75°, 100%, 32%
HSV	75°, 100%, 64%
XYZ	21.3015, 30.6885, 4.8008
YIQ	132.7460, 27.6120, -59.9080

# Conversions

## Conversions Part 2

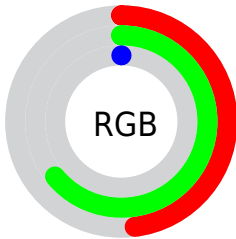
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 164, 42
Decimal	8037376
CIELab	62.24, -33.55, 64.25
CIELCh	62, 72.478, 117.571
Yxy	30.6885, 0.3751, 0.5404
Android (android.graphics.Color)	4286227456 (0xFF7AA400)
YUV	132.7460, -65.4438, -9.4242
Hunter-Lab	55.3972, -28.3077, 33.6399

# Details

The Hex color **7AA400** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2A00A4**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **B3DB4A**, and **437000** is the 20% darker color. If you saturate the color by 10%, you get **7AA400**, and if you desaturate by 10%, it is **7EA410**.

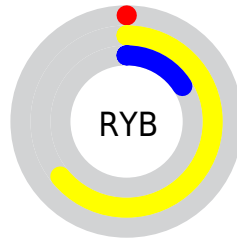
# Distribution



Red (48%)

Green (64%)

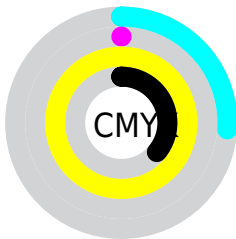
Blue (0%)



Red (0%)

Yellow (64%)

Blue (16%)

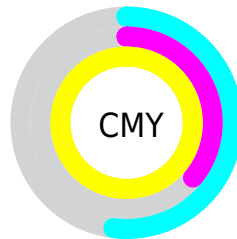


Cyan (26%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (52%)

Magenta (36%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AA400 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 7AA400 by changing the saturation by 10% instead.



 7AA400

 7AA400

FFFFFF

 5E8A00

 B3DB4A

 437000

 CFF866

 275700

 EDFF81

 024000

 FFFF9D

 002900

 FFFFBA

 000F00

 FFFFD7

 000000

 FFFFF4

 7AA400

 7EA410

 82A421

 87A431

 8BA442

 8FA452

 93A462

 97A473

 9CA483

 A0A494

# Harmonies

## Analogous

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



B99200



7AA400



00AE4D

# Triad

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



7AA400



00AEFF



FF529F

# Complementary

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



7AA400



2A00A4

# 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.



DE68DC



7AA400



00A0FF

# Square

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



7AA400



00B3D0



8988FF



FF5B5F

# Rectangle

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



7AA400



00B279



8988FF



FC57B4



# Sweetspot

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



7AA400



C6D696



A42900



616B45



EBEBEB



6B6B6B



# Same Dimension

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



7AA400



9FD600



29A400



505249



6C9100



0D1200



# Inverse Universe

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



2A00A4



3700D6



7B00A4



4C4952



250091



050012



# Previews

## White Background



This preview shows how the Hex color 7AA400 looks on a white background.

## Color Contrast Check

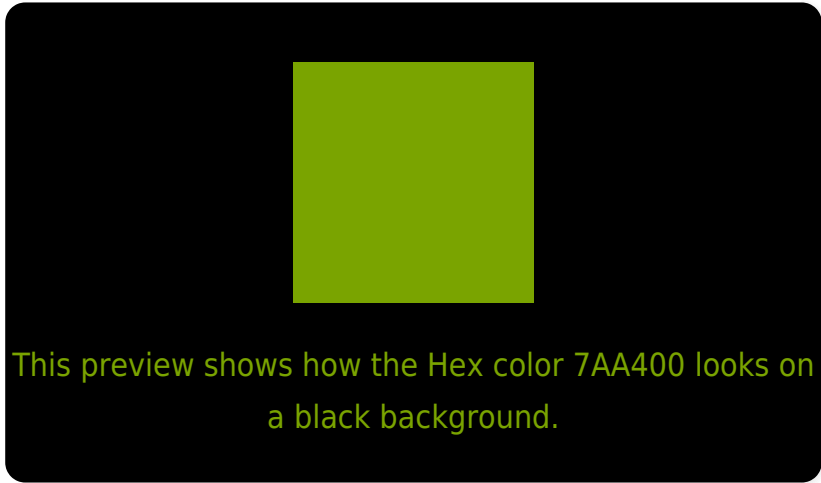
Large Text (above 18pt) WCAG AA × Fail

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 7AA400 Background



This preview shows how black text looks on a background with the Hex color 7AA400.

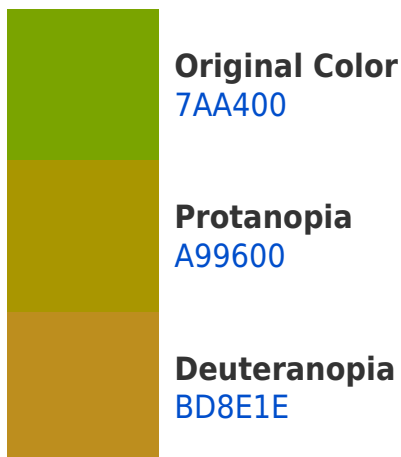


This preview shows how white text looks on a background with the Hex color 7AA400.

# 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](#).

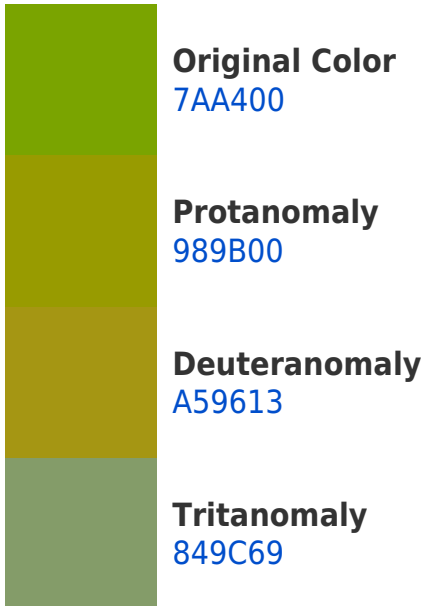
## Dichromacy





**Tritanopia**  
8998A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AA400 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 #7AA400 looks like.

```
.text, #text, p{  
    color:#7AA400  
}
```

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 #7AA400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AA400
}
```

## Border

The CSS property to change the border of an element to Hex 7AA400 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
#7AA400 }
```

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

```
.border{ border-color:#7AA400 }
```

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

Here you see how a box with a 4 pixel #7AA400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AA400; -webkit-box-shadow:4px 4px  
4px 4px #7AA400; box-shadow:4px 4px 4px  
4px #7AA400 }
```

# Background

The CSS property to change the background color of an element to Hex 7AA400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AA400 }
```

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

```
.background{ background-color:#7AA400 }
```

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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