

# Converting Colors

Hex(7DAD3A)

Have a look what the booklet for  
Hex(7DAD3A) contains.

<b>Hex(7DAD3A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(7DAD3A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7DAD3A
RGB	125, 173, 58
RGB Percent	49%, 68%, 23%
CMY	0.5098, 0.3216, 0.7725
CMYK	0.28, 0.00, 0.66, 0.32
HSL	85°, 50%, 45%
HSV	85°, 66%, 68%
XYZ	24.1647, 34.5526, 9.3987
YIQ	145.5380, 8.3070, -45.9410

# Conversions

## Conversions Part 2

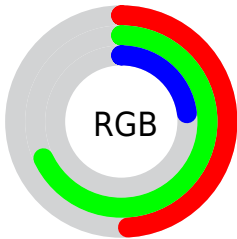
Format	Color
<a href="#">RYB</a>	<a href="#">58, 173, 106</a>
Decimal	<a href="#">8236346</a>
CIELab	<a href="#">65.40, -34.11, 51.95</a>
CIElCh	<a href="#">65, 62.148, 123.284</a>
Yxy	<a href="#">34.5526, 0.3548, 0.5073</a>
Android (android.graphics.Color)	<a href="#">4286426426 (0xFF7DAD3A)</a>
YUV	<a href="#">145.5380, -43.1562, -18.0118</a>
Hunter-Lab	<a href="#">58.7815, -29.4872, 31.6670</a>

# Details

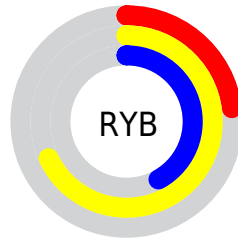
The Hex color **7DAD3A** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6A3AAD**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **B5E56F**, and **477800** is the 20% darker color. If you saturate the color by 10%, you get **76AD29**, and if you desaturate by 10%, it is **84AD4B**.

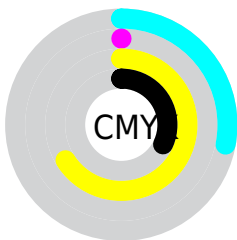
# Distribution



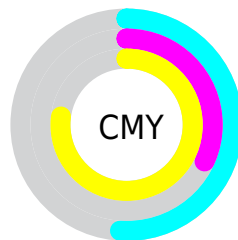
- Red (49%)
- Green (68%)
- Blue (23%)



- Red (23%)
- Yellow (68%)
- Blue (42%)



- Cyan (28%)
- Magenta (0%)
- Yellow (66%)
- Black (32%)



- Cyan (51%)
- Magenta (32%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7DAD3A 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 7DAD3A by changing the saturation by 10% instead.



 7DAD3A

 7DAD3A

FFFFFF

 62921E

 B5E56F

 477800

 D1FF8A

 2C5F00

 EEFFA5

 0E4700

 FFFFC1

 003000

 FFFFDE

 001B00

 FFFFFB

 000000

 7DAD3A

 7DAD3A

 76AD29

 84AD4B

 6FAD17

 8BAD5D

 67AD06

 93AD6E

 65AD00

 9AAD7F

 A1AD91

 A8ADA2

 B0ADB3

 B7ADC4

 BEADD6

# Harmonies

## Analogous

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



B69E22



7DAD3A



15B66A

# Triad

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



7DAD3A



00B2FF



FF6A9B

# Complementary

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



7DAD3A



6A3AAD

# 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.



E776D2



7DAD3A



0BA3FF

# Square

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



7DAD3A



00B8DA



A88DFC



FF7465

# Rectangle

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



7DAD3A



00B990



A88DFC



FD6CAE



# Sweetspot

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



7DAD3A



CEE0B4



AD6A3A



657055



F0F0F0



707070



# Same Dimension

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



7DAD3A



95E02D



44AD3A



53574E



589600



0D1700



# Inverse Universe

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



6A3AAD



782DE0



A33AAD



524E57



3F0096



0A0017



# Previews

## White Background



This preview shows how the Hex color 7DAD3A looks on a white background.

## Color Contrast Check

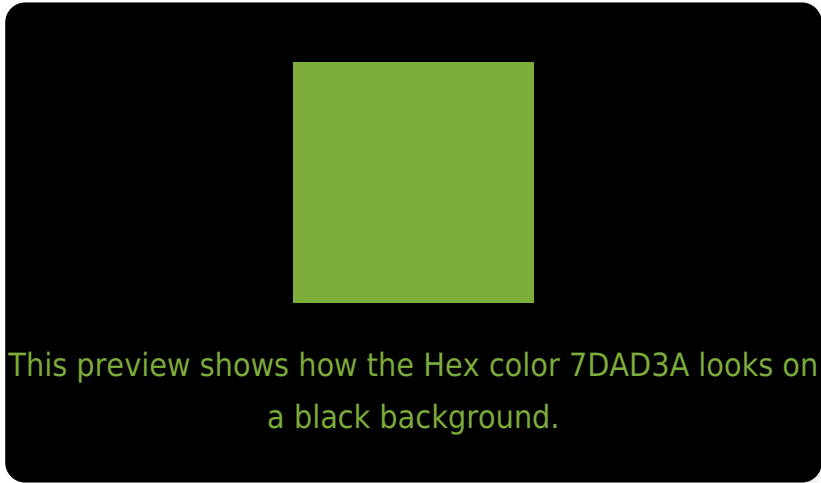
Large Text (above 18pt) WCAG AA × Fail

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 7DAD3A Background



This preview shows how black text looks on a background with the Hex color 7DAD3A.

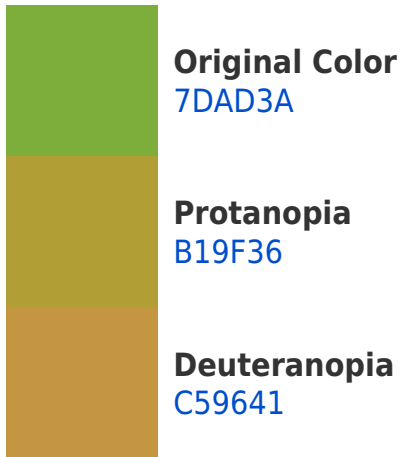


This preview shows how white text looks on a background with the Hex color 7DAD3A.

# 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**  
8CA2AF

# Trichromacy



**Original Color**

7DAD3A



**Protanomaly**

9EA437



**Deuteranomaly**

AB9E3E



**Tritanomaly**

87A684

# Monochromacy



**Original Color**

7DAD3A



**Achromatopsia**

929292



**Achromatomaly**

8A9C72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7DAD3A 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 #7DAD3A looks like.

```
.text, #text, p{  
    color:#7DAD3A  
}
```

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 #7DAD3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DAD3A
}
```

## Border

The CSS property to change the border of an element to Hex 7DAD3A 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
#7DAD3A }
```

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

```
.border{ border-color:#7DAD3A }
```

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

Here you see how a box with a 4 pixel #7DAD3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DAD3A; -webkit-box-shadow:4px 4px  
4px 4px #7DAD3A; box-shadow:4px 4px 4px  
4px #7DAD3A }
```

# Background

The CSS property to change the background color of an element to Hex 7DAD3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DAD3A }
```

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

```
.background{ background-color:#7DAD3A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor