

# Converting Colors

Hex(7AD956)

Have a look what the booklet for  
Hex(7AD956) contains.

<b>Hex(7AD956)</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(7AD956)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AD956
RGB	122, 217, 86
RGB Percent	48%, 85%, 34%
CMY	0.5216, 0.1490, 0.6627
CMYK	0.44, 0.00, 0.60, 0.15
HSL	104°, 63%, 59%
HSV	104°, 60%, 85%
XYZ	34.5186, 54.4352, 17.4918
YIQ	173.6610, -14.5690, -60.8810

# Conversions

## Conversions Part 2

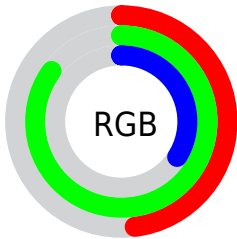
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 217, 181
Decimal	8051030
CIELab	78.71, -51.52, 54.58
CIElCh	79, 75.055, 133.350
Yxy	54.4352, 0.3243, 0.5114
Android (android.graphics.Color)	4286241110 (0xFF7AD956)
YUV	173.6610, -43.2169, -45.3067
Hunter-Lab	73.7802, -45.6028, 37.5897

# Details

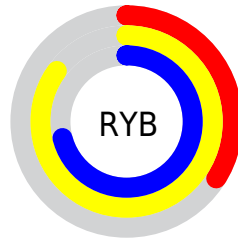
The Hex color **7AD956** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **B556D9**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **B4FF8C**, and **3FA11E** is the 20% darker color. If you saturate the color by 10%, you get **6AD940**, and if you desaturate by 10%, it is **8AD96C**.

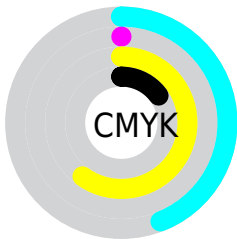
# Distribution



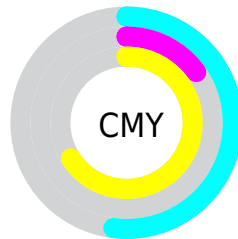
- Red (48%)
- Green (85%)
- Blue (34%)



- Red (34%)
- Yellow (85%)
- Blue (71%)



- Cyan (44%)
- Magenta (0%)
- Yellow (60%)
- Black (15%)



- Cyan (52%)
- Magenta (15%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AD956 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 7AD956 by changing the saturation by 10% instead.



 7AD956

 7AD956

FFFFFF

 5DBD3B

 B4FF8C

 3FA11E

 D1FFA8

 1A8600

 EFFF C4

 006C00

 FFFF E0

 005300

FFFFFFE

 003B00

 002500

 000000

 7AD956

 7AD956

 6AD940

 8AD96C

 5BD92B

 99D981

 4BD915

 A9D997

 3CD900

 B9D9AD

 C9D9C3

 D8D9D8

 E8D9EE

 F8D9FF

 FFD9FF

# Harmonies

## Analogous

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



C9C927



7AD956



00E298

# Triad

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



7AD956



00D5FF



FF80A6

# Complementary

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



7AD956



B556D9

# 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.



FF87ED



7AD956



72C0FF

# Square

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



7AD956



00E1FF



EEA2FF



FF9566

# Rectangle

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



7AD956



00E4C9



EEA2FF



FF7FBE

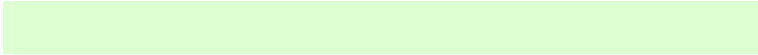


# Sweetspot

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



7AD956



DEFFD1



D9B456



6B8063



000000



808080



# Same Dimension

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



7AD956



7AFF47



56D972



666E63



30AD00



0D2E00



# Inverse Universe

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



B556D9



CD47FF



D956BD



6B636E



7E00AD

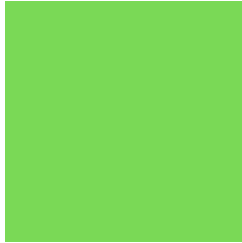


21002E



# Previews

## White Background



This preview shows how the Hex color 7AD956 looks on a white background.

## Color Contrast Check

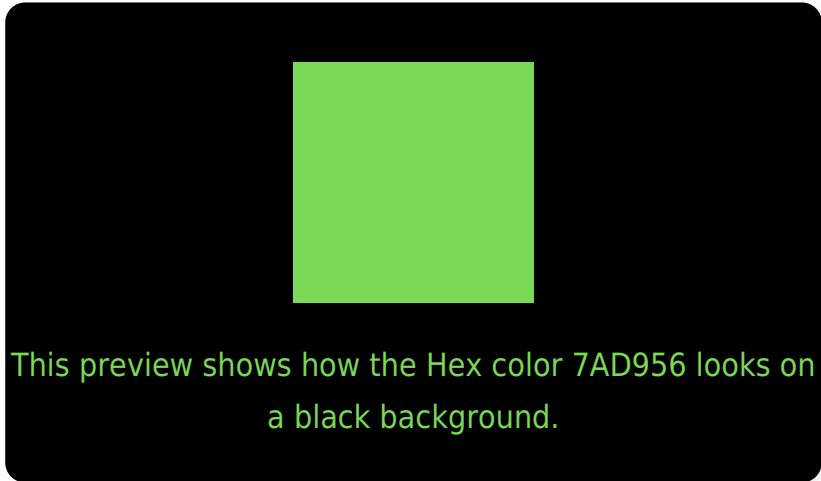
Large Text (above 18pt) WCAG AA × Fail

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 7AD956 Background



This preview shows how black text looks on a background with the Hex color 7AD956.

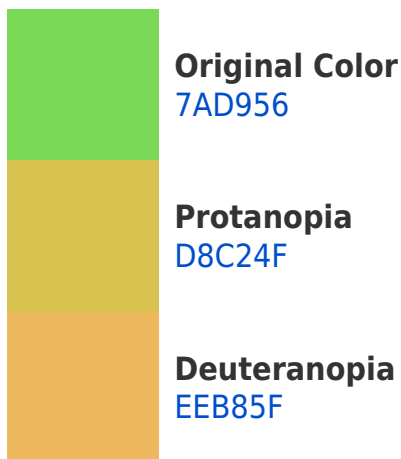


This preview shows how white text looks on a background with the Hex color 7AD956.

# 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





# Trichromacy



**Original Color**  
7AD956



**Protanomaly**  
B6CA52



**Deuteranomaly**  
C4C45C

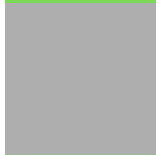


**Tritanomaly**  
89D0AB

# Monochromacy



**Original Color**  
7AD956



**Achromatopsia**  
AEAEAE



**Achromatomaly**  
9BBE8E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AD956 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 #7AD956 looks like.

```
.text, #text, p{  
    color:#7AD956  
}
```

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 #7AD956 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AD956
}
```

## Border

The CSS property to change the border of an element to Hex 7AD956 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
#7AD956 }
```

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

```
.border{ border-color:#7AD956 }
```

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

Here you see how a box with a 4 pixel #7AD956 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AD956; -webkit-box-shadow:4px 4px  
4px 4px #7AD956; box-shadow:4px 4px 4px  
4px #7AD956 }
```

# Background

The CSS property to change the background color of an element to Hex 7AD956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AD956 }
```

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

```
.background{ background-color:#7AD956 }
```

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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