

# Converting Colors

Hex(7DA346)

Have a look what the booklet for  
Hex(7DA346) contains.

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**Color**

**Hex(7DA346)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7DA346
RGB	125, 163, 70
RGB Percent	49%, 64%, 27%
CMY	0.5098, 0.3608, 0.7255
CMYK	0.23, 0.00, 0.57, 0.36
HSL	85°, 40%, 46%
HSV	85°, 57%, 64%
XYZ	22.6601, 30.9966, 10.5830
YIQ	141.0360, 7.2050, -36.9790

# Conversions

## Conversions Part 2

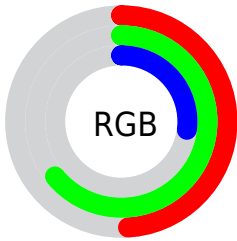
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 163, 108
Decimal	8233798
CIELab	62.50, -28.35, 43.40
CIELCh	63, 51.835, 123.153
Yxy	30.9966, 0.3527, 0.4825
Android (android.graphics.Color)	4286423878 (0xFF7DA346)
YUV	141.0360, -35.0207, -14.0636
Hunter-Lab	55.6746, -24.7791, 27.7020

# Details

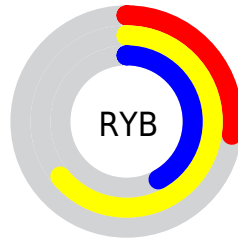
The Hex color **7DA346** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6C46A3**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **B4DA79**, and **496F12** is the 20% darker color. If you saturate the color by 10%, you get **76A336**, and if you desaturate by 10%, it is **84A356**.

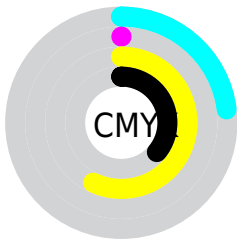
# Distribution



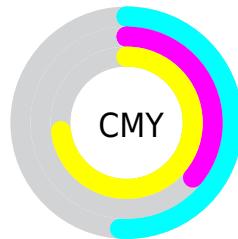
- Red (49%)
- Green (64%)
- Blue (27%)



- Red (27%)
- Yellow (64%)
- Blue (42%)



- Cyan (23%)
- Magenta (0%)
- Yellow (57%)
- Black (36%)



- Cyan (51%)
- Magenta (36%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7DA346 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 7DA346 by changing the saturation by 10% instead.



 7DA346

 7DA346

FFFFFF

 63892D

 B4DA79

 496F12

 D0F794

 2F5600

 EDFFAF

 163F00

 FFFF00

 002900

 FFFF00

 001000

 000000

 7DA346

 7DA346

 76A336

 84A356

 70A325

 8AA367

 69A315

 91A377

 62A305

 98A387

 60A300

 9EA398

 A5A3A8

 ACA3B8

 B2A3C8

 B9A3D9

# Harmonies

## Analogous

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



AC9636



7DA346



3AAB6C

# Triad

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



7DA346



00A7E9



EB6E94

# Complementary

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



7DA346



6C46A3

# 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.



D377C2



7DA346



449BF3

# Square

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



7DA346



00ADC8



A089E4



E97567

# Rectangle

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



7DA346



00AD8B



A089E4



E670A4



# Sweetspot

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



7DA346



C5D4B0



A36B46



626B56



EBEBEB



6B6B6B



# Same Dimension

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



7DA346



99D444



4FA346



4E5249



569100



0B1200



# Inverse Universe

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



6C46A3



7F44D4



9A46A3



4D4952



3B0091



070012



# Previews

## White Background



This preview shows how the Hex color 7DA346 looks on a white background.

## Color Contrast Check

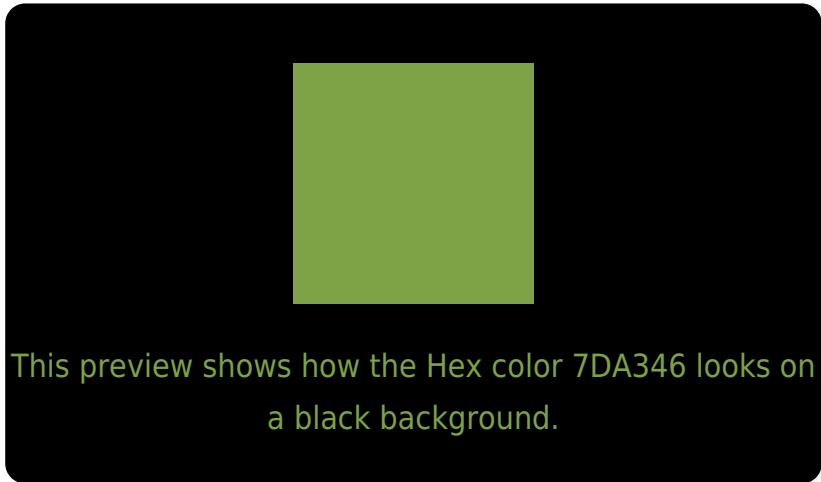
Large Text (above 18pt) WCAG AA × Fail

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 7DA346 Background



This preview shows how black text looks on a background with the Hex color 7DA346.



This preview shows how white text looks on a background with the Hex color 7DA346.

# 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**  
7DA346

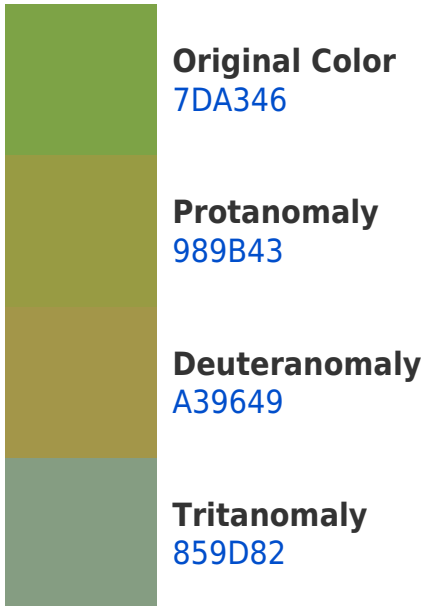
**Protanopia**  
A79742

**Deuteranopia**  
B98F4B



**Tritanopia**  
8999A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7DA346 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 #7DA346 looks like.

```
.text, #text, p{  
    color:#7DA346  
}
```

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 #7DA346 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DA346
}
```

## Border

The CSS property to change the border of an element to Hex 7DA346 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
#7DA346 }
```

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

```
.border{ border-color:#7DA346 }
```

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

Here you see how a box with a 4 pixel #7DA346 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DA346; -webkit-box-shadow:4px 4px  
4px 4px #7DA346; box-shadow:4px 4px 4px  
4px #7DA346 }
```

# Background

The CSS property to change the background color of an element to Hex 7DA346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DA346 }
```

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

```
.background{ background-color:#7DA346 }
```

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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