

Converting Colors

Hex(7DA370)

Have a look what the booklet for
Hex(7DA370) contains.

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Color

Hex(7DA370)

Conversions

Conversions Part 1

Format	Color
Hex	7DA370
RGB	125, 163, 112
RGB Percent	49%, 64%, 44%
CMY	0.5098, 0.3608, 0.5608
CMYK	0.23, 0.00, 0.31, 0.36
HSL	105°, 22%, 54%
HSV	105°, 31%, 64%
XYZ	24.4793, 31.7242, 20.1624
YIQ	145.8240, -6.2770, -23.9170

Conversions

Conversions Part 2

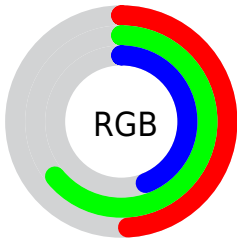
Format	Color
RYB	112, 163, 150
Decimal	8233840
CIELab	63.11, -22.89, 22.41
CIElCh	63, 32.032, 135.611
Yxy	31.7242, 0.3206, 0.4154
Android (android.graphics.Color)	4286423920 (0xFF7DA370)
YUV	145.8240, -16.6752, -18.2626
Hunter-Lab	56.3243, -20.9890, 18.2029

Details

The Hex color **7DA370** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9670A3**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **B2DAA4**, and **4B6F40** is the 20% darker color. If you saturate the color by 10%, you get **71A360**, and if you desaturate by 10%, it is **89A380**.

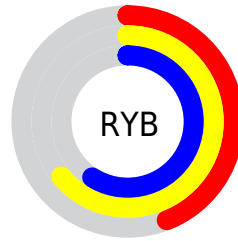
Distribution



Red (49%)

Green (64%)

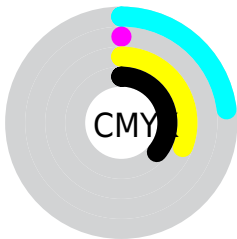
Blue (44%)



Red (44%)

Yellow (64%)

Blue (59%)

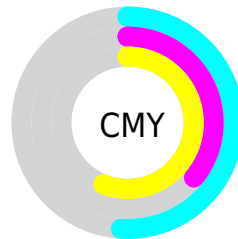


Cyan (23%)

Magenta (0%)

Yellow (31%)

Black (36%)



Cyan (51%)

Magenta (36%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DA370 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 7DA370 by changing the saturation by 10% instead.

 7DA370

 7DA370

FFFFFF

 638957

 B2DAA4

 4B6F40

 CEF7BF

 335629

 EBFFDB

 1B3F13

 FFFFF8

 072900

 001300

 000000

 7DA370

 7DA370

 71A360

 89A380

■ 65A34F

■ 95A391

■ 59A33F

■ A1A3A1

■ 4CA32F

■ AEA3B1

■ 40A31F

■ BAA3C2

■ 34A30E

■ C6A3D2

■ 2AA300

■ D2A3E2

■ DEA3F2

■ EAA3FF

Harmonies

Analogous

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



9D9C61



7DA370



5AA78A

Triad

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



7DA370



5BA0CF



D1838B

Complementary

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



7DA370



9670A3

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.



C885A8



7DA370



8896CF

Square

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



7DA370



34A6C1



AF8CC1



CB8971

Rectangle

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



7DA370



43A89D



AF8CC1



D08394

Sweetspot

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



7DA370



C5D4C1



A39570



626B5F



EBEBEB



6B6B6B

Same Dimension

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



7DA370



98D483



70A37C



4C5249



259100



051200

Inverse Universe

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



9670A3



BF83D4



A37097



504952



6C0091



0D0012

Previews

White Background



This preview shows how the Hex color 7DA370 looks on a white background.

Color Contrast Check

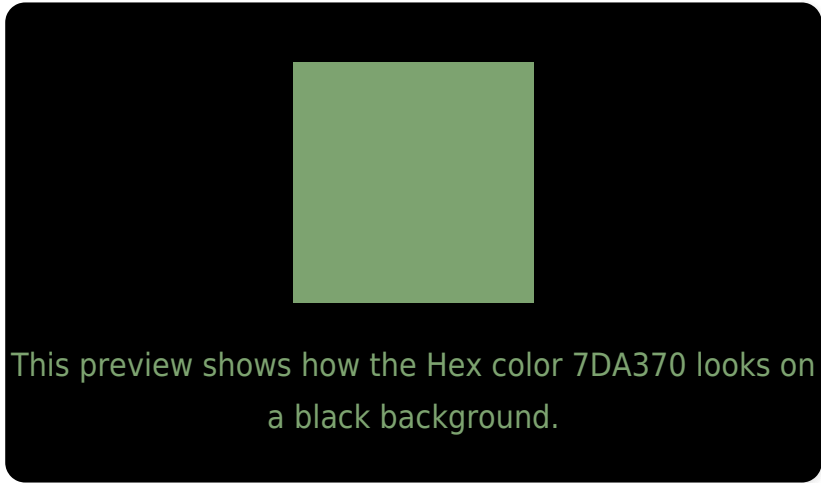
Large Text (above 18pt) WCAG AA × Fail

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

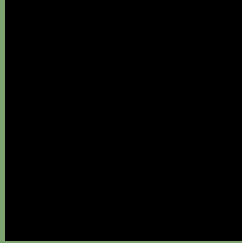
Any Text WCAG AA ✓ Pass

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 7DA370 Background



This preview shows how black text looks on a background with the Hex color 7DA370.

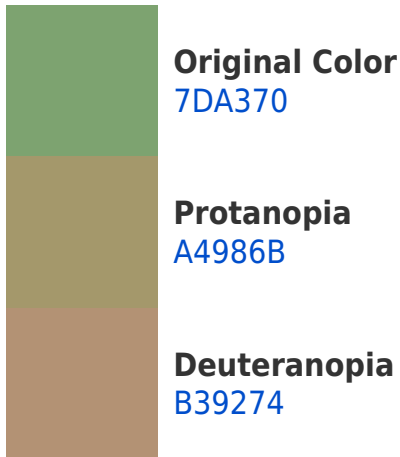


This preview shows how white text looks on a background with the Hex color 7DA370.

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
869CA8

Trichromacy



Original Color
7DA370

Protanomaly
969C6D

Deuteranomaly
9F9873

Tritanomaly
839F94

Monochromacy



Original Color
7DA370

Achromatopsia
929292

Achromatomaly
8A9886

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DA370 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 #7DA370 looks like.

```
.text, #text, p{  
    color:#7DA370  
}
```

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 #7DA370 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DA370
}
```

Border

The CSS property to change the border of an element to Hex 7DA370 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
#7DA370 }
```

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

```
.border{ border-color:#7DA370 }
```

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

Here you see how a box with a 4 pixel #7DA370 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DA370; -webkit-box-shadow:4px 4px  
4px 4px #7DA370; box-shadow:4px 4px 4px  
4px #7DA370 }
```

Background

The CSS property to change the background color of an element to Hex 7DA370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DA370 }
```

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

```
.background{ background-color:#7DA370 }
```

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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