

Converting Colors

Hex(7DA444)

Have a look what the booklet for
Hex(7DA444) contains.

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Color

Hex(7DA444)

Conversions

Conversions Part 1

Format	Color
Hex	7DA444
RGB	125, 164, 68
RGB Percent	49%, 64%, 27%
CMY	0.5098, 0.3569, 0.7333
CMYK	0.24, 0.00, 0.59, 0.36
HSL	84°, 41%, 45%
HSV	84°, 59%, 64%
XYZ	22.7763, 31.3282, 10.3154
YIQ	141.3950, 7.5720, -38.1240

Conversions

Conversions Part 2

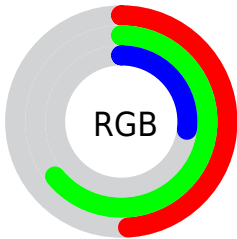
Format	Color
RYB	68, 164, 107
Decimal	8234052
CIELab	62.78, -29.02, 44.66
CIELCh	63, 53.261, 123.017
Yxy	31.3282, 0.3536, 0.4863
Android (android.graphics.Color)	4286424132 (0xFF7DA444)
YUV	141.3950, -36.1837, -14.3784
Hunter-Lab	55.9716, -25.3142, 28.2532

Details

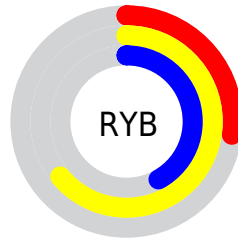
The Hex color **7DA444** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6B44A4**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **B4DB77**, and **49700E** is the 20% darker color. If you saturate the color by 10%, you get **76A434**, and if you desaturate by 10%, it is **84A454**.

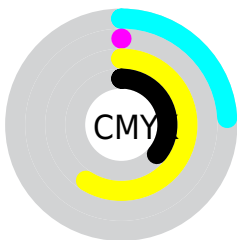
Distribution



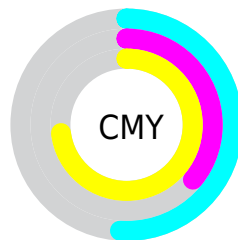
- Red (49%)
- Green (64%)
- Blue (27%)



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



- Cyan (24%)
- Magenta (0%)
- Yellow (59%)
- Black (36%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 7DA444 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 7DA444 by changing the saturation by 10% instead.



7DA444



7DA444

FFFFFF



638A2B



B4DB77



49700E



D0F892



2F5700



EDFFAD



154000



FFFFC9



002900



FFFFE6



001100



000000



7DA444



7DA444



76A434



84A454

 70A423

 8AA465

 69A413

 91A475

 62A402

 98A486

 61A400

 9EA496

 A5A4A6

 ACA4B7

 B2A4C7

 B9A4D8

Harmonies

Analogous

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



AE9733



7DA444



37AC6B

Triad

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



7DA444



00A8EC



EE6E95

Complementary

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



7DA444



6B44A4

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.



D677C4



7DA444



3F9BF6

Square

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



7DA444



00AECA



A089E8



EB7567

Rectangle

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



7DA444



00AF8B



A089E8



E96FA5

Sweetspot

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



7DA444



C7D6B0



A46A44



626B54



EBEBEB



6B6B6B

Same Dimension

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



7DA444



99D640



4EA444



4E5249



569100



0B1200

Inverse Universe

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



6B44A4



7D40D6



9A44A4



4D4952



3B0091



070012

Previews

White Background



This preview shows how the Hex color 7DA444 looks on a white background.

Color Contrast Check

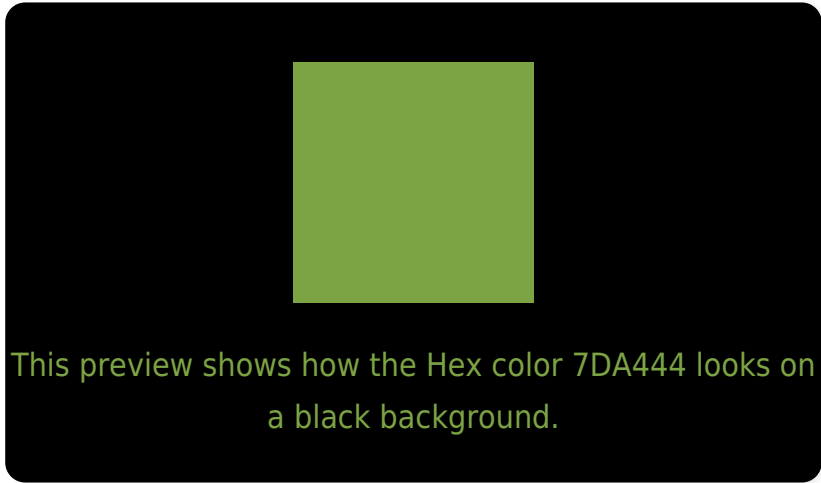
Large Text (above 18pt) WCAG AA × Fail

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 7DA444 Background



This preview shows how black text looks on a background with the Hex color 7DA444.

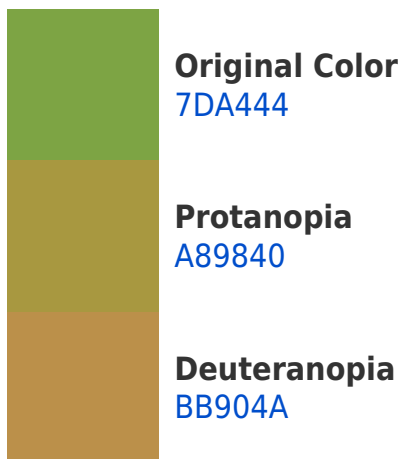


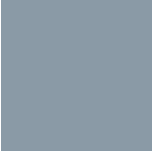
This preview shows how white text looks on a background with the Hex color 7DA444.

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
8A9AA6

Trichromacy



Original Color
7DA444

Protanomaly
989C41

Deuteranomaly
A49748

Tritanomaly
859E82

Monochromacy



Original Color
7DA444

Achromatopsia
8D8D8D

Achromatomaly
879572

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DA444 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 #7DA444 looks like.

```
.text, #text, p{  
    color:#7DA444  
}
```

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 #7DA444 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DA444
}
```

Border

The CSS property to change the border of an element to Hex 7DA444 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
#7DA444 }
```

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

```
.border{ border-color:#7DA444 }
```

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

Here you see how a box with a 4 pixel #7DA444 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DA444; -webkit-box-shadow:4px 4px  
4px 4px #7DA444; box-shadow:4px 4px 4px  
4px #7DA444 }
```

Background

The CSS property to change the background color of an element to Hex 7DA444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DA444 }
```

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

```
.background{ background-color:#7DA444 }
```

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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