

Converting Colors

Hex(7DA451)

Have a look what the booklet for
Hex(7DA451) contains.

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Color

Hex(7DA451)

Conversions

Conversions Part 1

Format	Color
Hex	7DA451
RGB	125, 164, 81
RGB Percent	49%, 64%, 32%
CMY	0.5098, 0.3569, 0.6824
CMYK	0.24, 0.00, 0.51, 0.36
HSL	88°, 34%, 48%
HSV	88°, 51%, 64%
XYZ	23.2181, 31.5050, 12.6419
YIQ	142.8770, 3.3990, -34.0810

Conversions

Conversions Part 2

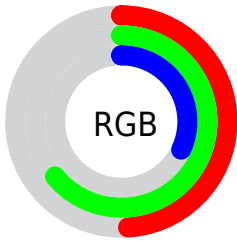
Format	Color
RYB	81, 164, 120
Decimal	8234065
CIELab	62.93, -27.66, 38.52
CIELCh	63, 47.423, 125.684
Yxy	31.5050, 0.3447, 0.4677
Android (android.graphics.Color)	4286424145 (0xFF7DA451)
YUV	142.8770, -30.5054, -15.6781
Hunter-Lab	56.1293, -24.3890, 25.9367

Details

The Hex color **7DA451** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7851A4**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **B3DB84**, and **497020** is the 20% darker color. If you saturate the color by 10%, you get **75A441**, and if you desaturate by 10%, it is **85A461**.

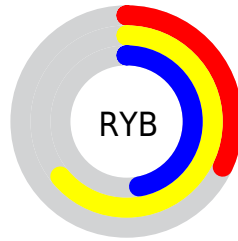
Distribution



Red (49%)

Green (64%)

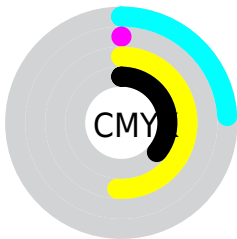
Blue (32%)



Red (32%)

Yellow (64%)

Blue (47%)

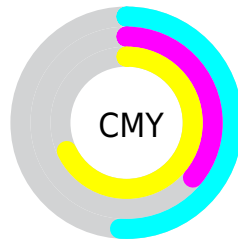


Cyan (24%)

Magenta (0%)

Yellow (51%)

Black (36%)



Cyan (51%)

Magenta (36%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DA451 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 7DA451 by changing the saturation by 10% instead.

 7DA451

 7DA451

FFFFFF

 638A38

 B3DB84

 497020

 CFF89F

 305704

 ECFFBA

 184000

 FFFFD6

 002900

 FFFFF3

 001200

 000000

 7DA451

 7DA451

 75A441

 85A461

 6EA430

 8CA472

 66A420

 94A482

 5EA40F

 9CA493

 57A400

 A4A4A3

 ABA4B3

 B3A4C4

 BBA4D4

 C2A4E5

Harmonies

Analogous

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



A99941



7DA451



42AB74

Triad

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



7DA451



00A6E4



E67492

Complementary

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



7DA451



7851A4

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.



D37BBC



7DA451



5D9AEC

Square

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



7DA451



00ACC8



A68ADD



E37B69

Rectangle

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



7DA451



00AD91



A68ADD



E375A0

Sweetspot

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



7DA451



C7D6B6



A47851



626B58



EBEBEB



6B6B6B

Same Dimension

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



7DA451



99D654



54A451



4E5249



4D9100



091200

Inverse Universe

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



7851A4



9154D6



A151A4



4D4952



440091



080012

Previews

White Background



This preview shows how the Hex color 7DA451 looks on a white background.

Color Contrast Check

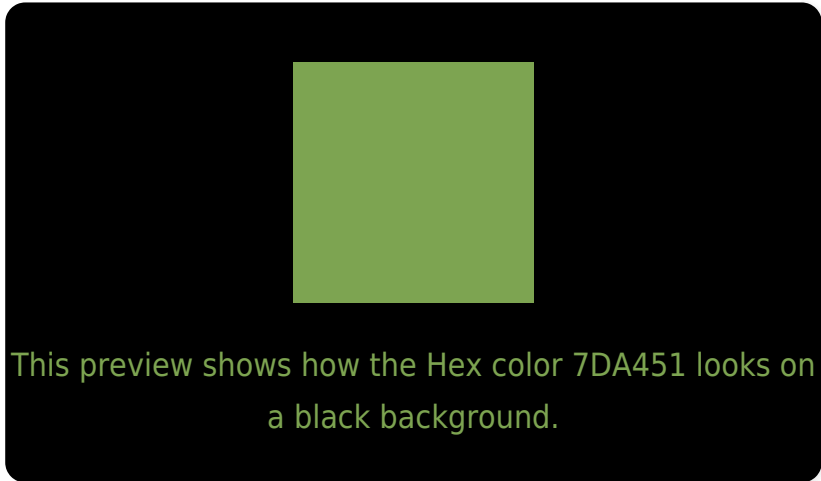
Large Text (above 18pt) WCAG AA × Fail

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 7DA451 Background



This preview shows how black text looks on a background with the Hex color 7DA451.

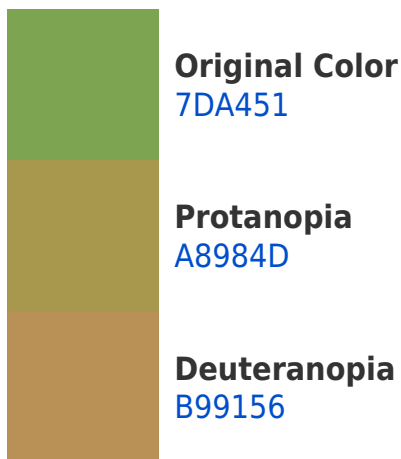


This preview shows how white text looks on a background with the Hex color 7DA451.

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
899BA7

Trichromacy



Original Color
7DA451

Protanomaly
989C4E

Deuteranomaly
A39854

Tritanomaly
859E88

Monochromacy



Original Color
7DA451

Achromatopsia
8F8F8F

Achromatomaly
889778

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DA451 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 #7DA451 looks like.

```
.text, #text, p{  
    color:#7DA451  
}
```

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 #7DA451 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DA451
}
```

Border

The CSS property to change the border of an element to Hex 7DA451 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
#7DA451 }
```

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

```
.border{ border-color:#7DA451 }
```

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

Here you see how a box with a 4 pixel #7DA451 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DA451; -webkit-box-shadow:4px 4px  
4px 4px #7DA451; box-shadow:4px 4px 4px  
4px #7DA451 }
```

Background

The CSS property to change the background color of an element to Hex 7DA451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DA451 }
```

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

```
.background{ background-color:#7DA451 }
```

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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