

Converting Colors

Hex(7DA302)

Have a look what the booklet for
Hex(7DA302) contains.

Hex(7DA302)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7DA302)

Conversions

Conversions Part 1

Format	Color
Hex	7DA302
RGB	125, 163, 2
RGB Percent	49%, 64%, 1%
CMY	0.5098, 0.3608, 0.9922
CMYK	0.23, 0.00, 0.99, 0.36
HSL	74°, 98%, 32%
HSV	74°, 99%, 64%
XYZ	21.5656, 30.5587, 4.8192
YIQ	133.2840, 29.0330, -58.1270

Conversions

Conversions Part 2

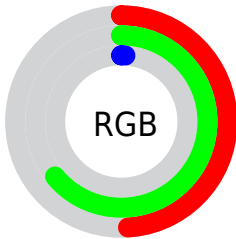
Format	Color
RYB	2, 163, 40
Decimal	8233730
CIELab	62.13, -31.82, 63.97
CIElCh	62, 71.444, 116.448
Yxy	30.5587, 0.3787, 0.5366
Android (android.graphics.Color)	4286423810 (0xFF7DA302)
YUV	133.2840, -64.7230, -7.2651
Hunter-Lab	55.2800, -27.1042, 33.5272

Details

The Hex color **7DA302** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2802A3**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B6DA4B**, and **466F00** is the 20% darker color. If you saturate the color by 10%, you get **7DA300**, and if you desaturate by 10%, it is **81A312**.

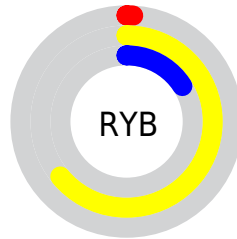
Distribution



Red (49%)

Green (64%)

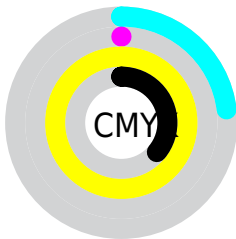
Blue (1%)



Red (1%)

Yellow (64%)

Blue (16%)

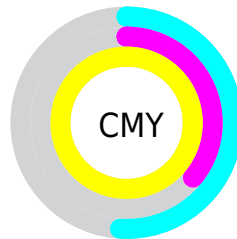


Cyan (23%)

Magenta (0%)

Yellow (99%)

Black (36%)



Cyan (51%)

Magenta (36%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DA302 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 7DA302 by changing the saturation by 10% instead.

 7DA302

 7DA302

FFFFFF

 618900

 B6DA4B

 466F00

 D3F766

 2B5600

 F0FF82

 093F00

 FFFF9E

 002900

 FFFFBA

 000E00

 FFFFD7

 000000

 FFFFF4

 7DA302

 7DA302

■ 7DA300

■ 81A312

■ 85A323

■ 89A333

■ 8CA343

■ 90A353

■ 94A364

■ 98A374

■ 9CA384

■ A0A395

Harmonies

Analogous

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



BA9100



7DA302



00AE4B

Triad

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



7DA302



00AEFF



FF54A0

Complementary

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



7DA302



2802A3

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.



DB6ADD



7DA302



00A0FF

Square

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



7DA302



00B3CD



8489FF



FF5B62

Rectangle

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



7DA302



00B176



8489FF



F959B6

Sweetspot

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



7DA302



C5D494



A32802



626B45



EBEBEB



6B6B6B

Same Dimension

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



7DA302



A2D400



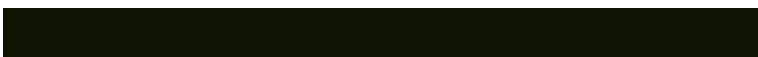
2DA302



505249



6F9100



0E1200

Inverse Universe

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



2802A3



3200D4



7802A3



4B4952



220091



040012

Previews

White Background



This preview shows how the Hex color 7DA302 looks on a white background.

Color Contrast Check

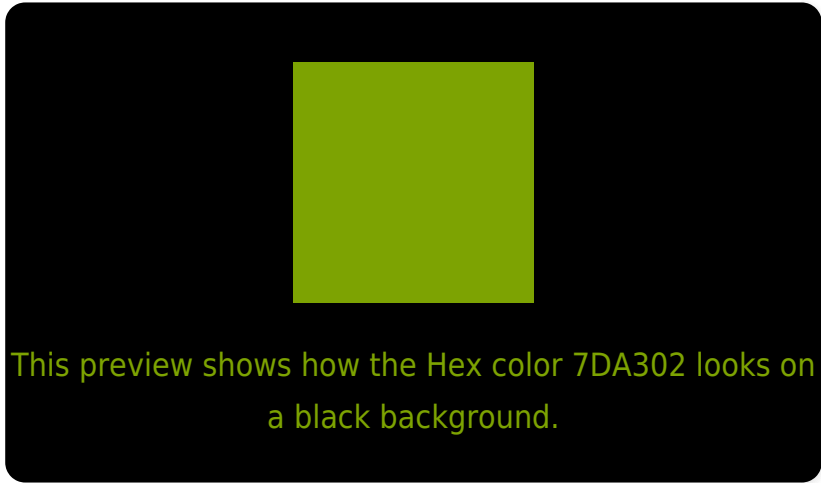
Large Text (above 18pt) WCAG AA × Fail

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 7DA302 Background



This preview shows how black text looks on a background with the Hex color 7DA302.

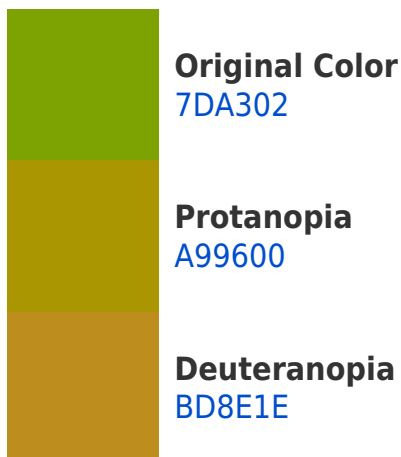


This preview shows how white text looks on a background with the Hex color 7DA302.

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
8B97A4

Trichromacy



Original Color
7DA302

Protanomaly
999B01

Deuteranomaly
A69614

Tritanomaly
869B69

Monochromacy



Original Color
7DA302

Achromatopsia
858585

Achromatomaly
829055

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DA302 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 #7DA302 looks like.

```
.text, #text, p{  
    color:#7DA302  
}
```

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 #7DA302 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DA302
}
```

Border

The CSS property to change the border of an element to Hex 7DA302 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
#7DA302 }
```

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

```
.border{ border-color:#7DA302 }
```

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

Here you see how a box with a 4 pixel #7DA302 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DA302; -webkit-box-shadow:4px 4px  
4px 4px #7DA302; box-shadow:4px 4px 4px  
4px #7DA302 }
```

Background

The CSS property to change the background color of an element to Hex 7DA302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DA302 }
```

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

```
.background{ background-color:#7DA302 }
```

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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