

Converting Colors

Hex(7DA923)

Have a look what the booklet for
Hex(7DA923) contains.

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Color

Hex(7DA923)

Conversions

Conversions Part 1

Format	Color
Hex	7DA923
RGB	125, 169, 35
RGB Percent	49%, 66%, 14%
CMY	0.5098, 0.3373, 0.8627
CMYK	0.26, 0.00, 0.79, 0.34
HSL	80°, 66%, 40%
HSV	80°, 79%, 66%
XYZ	22.9488, 32.8573, 6.7227
YIQ	140.5680, 16.7900, -51.0020

Conversions

Conversions Part 2

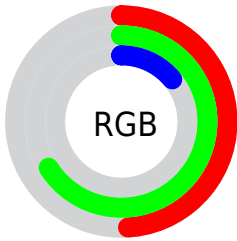
Format	Color
RYB	35, 169, 79
Decimal	8235299
CIELab	64.05, -33.68, 58.96
CIElCh	64, 67.900, 119.733
Yxy	32.8573, 0.3670, 0.5255
Android (android.graphics.Color)	4286425379 (0xFF7DA923)
YUV	140.5680, -52.0450, -13.6531
Hunter-Lab	57.3213, -28.8490, 33.1713

Details

The Hex color **7DA923** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4F23A9**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **B5E05C**, and **467500** is the 20% darker color. If you saturate the color by 10%, you get **77A912**, and if you desaturate by 10%, it is **83A934**.

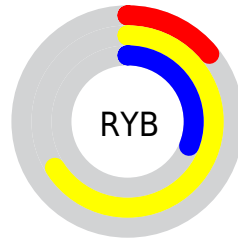
Distribution



Red (49%)

Green (66%)

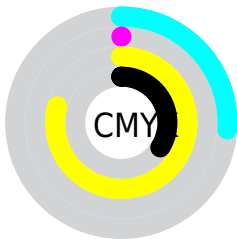
Blue (14%)



Red (14%)

Yellow (66%)

Blue (31%)

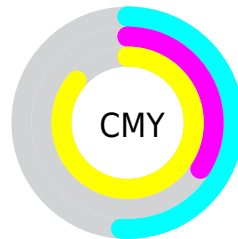


Cyan (26%)

Magenta (0%)

Yellow (79%)

Black (34%)



Cyan (51%)

Magenta (34%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DA923 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 7DA923 by changing the saturation by 10% instead.

 7DA923

 7DA923

FFFFFF

 628E00

 B5E05C

 467500

 D2FD77

 2C5C00

 EFFF92

 094400

 FFFF92

 002D00

 FFFFC4

 001700

 FFFF77

 000000

 7DA923

 7DA923

 77A912

 83A934

 72A901

 88A945

 72A900

 8EA956

 93A967

 99A977

 9EA988

 A4A999

 A9A9AA

 AFA9BB

Harmonies

Analogous

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



B99800



7DA923



00B35B

Triad

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



7DA923



00B1FF



FF5E9E

Complementary

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



7DA923



4F23A9

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.



E370D9



7DA923



00A3FF

Square

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



7DA923



00B7D6



988BFF



FF6763

Rectangle

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



7DA923



00B684



988BFF



FD61B3

Sweetspot

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



7DA923



CADBA7



A94D23



636E4E



EDEDED



6E6E6E

Same Dimension

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



7DA923



97DB0B



3CA923



51544C



639400



0E1400

Inverse Universe

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



4F23A9



4F0BDB



9023A9



4E4C54



310094



070014

Previews

White Background



This preview shows how the Hex color 7DA923 looks on a white background.

Color Contrast Check

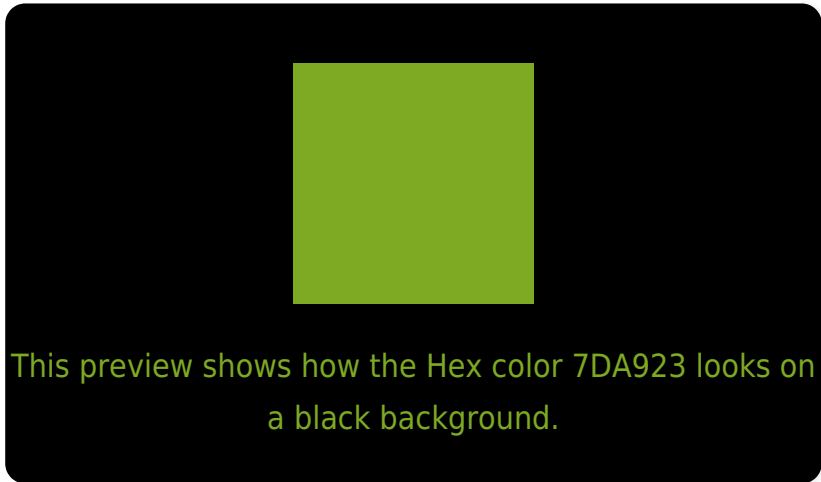
Large Text (above 18pt) WCAG AA × Fail

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 7DA923 Background



This preview shows how black text looks on a background with the Hex color 7DA923.

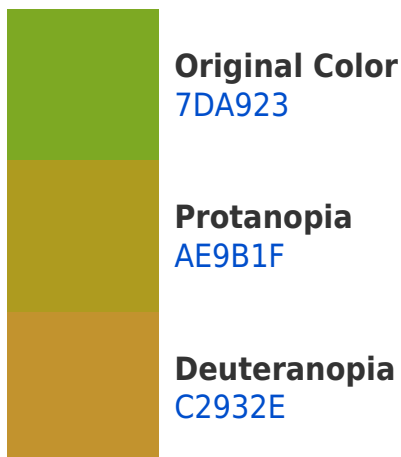


This preview shows how white text looks on a background with the Hex color 7DA923.

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
8C9DAA

Trichromacy



Original Color
7DA923

Protanomaly
9CA020

Deuteranomaly
A99B2A

Tritanomaly
87A179

Monochromacy



Original Color
7DA923

Achromatopsia
8D8D8D

Achromatomaly
879766

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DA923 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 #7DA923 looks like.

```
.text, #text, p{  
    color:#7DA923  
}
```

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 #7DA923 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DA923
}
```

Border

The CSS property to change the border of an element to Hex 7DA923 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
#7DA923 }
```

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

```
.border{ border-color:#7DA923 }
```

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

Here you see how a box with a 4 pixel #7DA923 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DA923; -webkit-box-shadow:4px 4px  
4px 4px #7DA923; box-shadow:4px 4px 4px  
4px #7DA923 }
```

Background

The CSS property to change the background color of an element to Hex 7DA923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DA923 }
```

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

```
.background{ background-color:#7DA923 }
```

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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