

Converting Colors

Hex(7DA03A)

Have a look what the booklet for
Hex(7DA03A) contains.

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Color

Hex(7DA03A)

Conversions

Conversions Part 1

Format	Color
Hex	7DA03A
RGB	125, 160, 58
RGB Percent	49%, 63%, 23%
CMY	0.5098, 0.3725, 0.7725
CMYK	0.22, 0.00, 0.64, 0.37
HSL	81°, 47%, 43%
HSV	81°, 64%, 63%
XYZ	21.7920, 29.8071, 8.6078
YIQ	137.9070, 11.8820, -39.1420

Conversions

Conversions Part 2

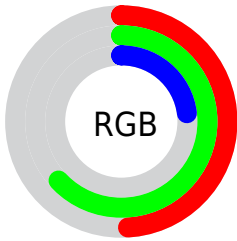
Format	Color
RYB	58, 160, 93
Decimal	8233018
CIELab	61.49, -27.97, 47.76
CIELCh	61, 55.351, 120.356
Yxy	29.8071, 0.3620, 0.4951
Android (android.graphics.Color)	4286423098 (0xFF7DA03A)
YUV	137.9070, -39.3942, -11.3194
Hunter-Lab	54.5959, -24.2943, 28.8692

Details

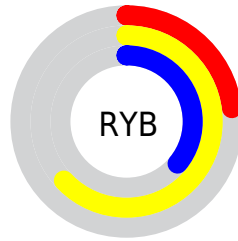
The Hex color **7DA03A** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5D3AA0**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B4D76E**, and **486C00** is the 20% darker color. If you saturate the color by 10%, you get **78A02A**, and if you desaturate by 10%, it is **82A04A**.

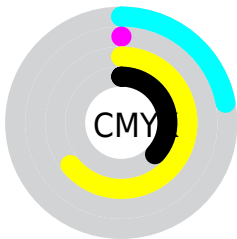
Distribution



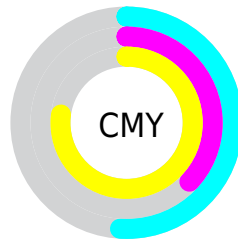
- Red (49%)
- Green (63%)
- Blue (23%)



- Red (23%)
- Yellow (63%)
- Blue (36%)



- Cyan (22%)
- Magenta (0%)
- Yellow (64%)
- Black (37%)



- Cyan (51%)
- Magenta (37%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DA03A 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 7DA03A by changing the saturation by 10% instead.

 7DA03A

 7DA03A

FFFFFF

 62861F


 B4D76E

 486C00

 D0F388

 2F5400

 EDFFA3

 143C00

 FFFFBF

 002700

 FFFFDC

 000A00

 FFFFF9

 000000

 7DA03A

 7DA03A

 78A02A

 82A04A

 72A01A

 88A05A

 6DA00A

 8DA06A

 69A000

 93A07A

 98A08A

 9EA09A

 A3A0AA

 A9A0BA

 AEA0CA

Harmonies

Analogous

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



AE922B



7DA03A



36A862

Triad

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



7DA03A



00A6E9



EC6896

Complementary

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



7DA03A



5D3AA0

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.



D073C6



7DA03A



0F9AF6

Square

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



7DA03A



00ACC5



9687E9



EB6E66

Rectangle

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



7DA03A



00AB82



9687E9



E66AA6

Sweetspot

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



7DA03A



C3D1A9



A05C3A



606951



E8E8E8



696969

Same Dimension

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



7DA03A



9AD130



4BA03A



4C4F47



5E8F00



0A0F00

Inverse Universe

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



5D3AA0



6730D1



8F3AA0



4A474F



31008F



05000F

Previews

White Background



This preview shows how the Hex color 7DA03A looks on a white background.

Color Contrast Check

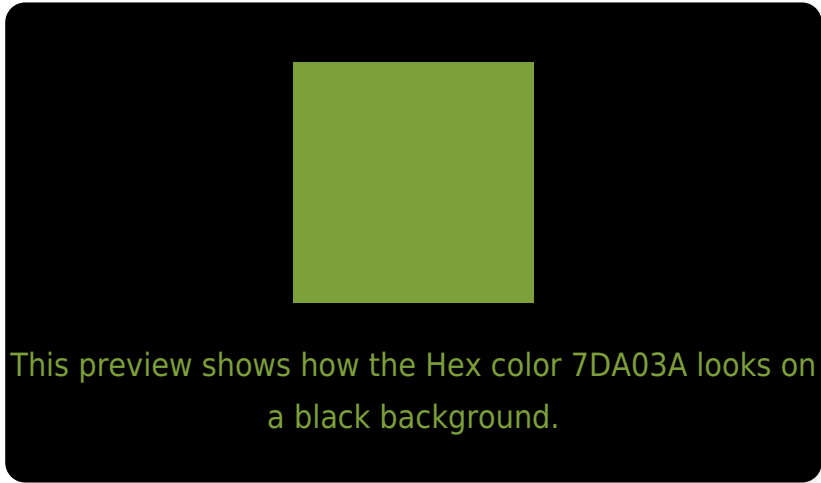
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7DA03A Background



This preview shows how black text looks on a background with the Hex color 7DA03A.



This preview shows how white text looks on a background with the Hex color 7DA03A.

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](#).

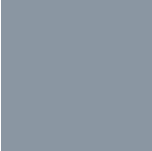
Dichromacy



Original Color
7DA03A

Protanopia
A59437

Deuteranopia
B88D40



Tritanopia
8A96A2

Trichromacy



Original Color
7DA03A

Protanomaly
969838

Deuteranomaly
A3943E

Tritanomaly
859A7C

Monochromacy



Original Color
7DA03A

Achromatopsia
8A8A8A

Achromatomaly
85926D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DA03A 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 #7DA03A looks like.

```
.text, #text, p{  
    color:#7DA03A  
}
```

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 #7DA03A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DA03A
}
```

Border

The CSS property to change the border of an element to Hex 7DA03A 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
#7DA03A }
```

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

```
.border{ border-color:#7DA03A }
```

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

Here you see how a box with a 4 pixel #7DA03A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DA03A; -webkit-box-shadow:4px 4px  
4px 4px #7DA03A; box-shadow:4px 4px 4px  
4px #7DA03A }
```

Background

The CSS property to change the background color of an element to Hex 7DA03A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DA03A }
```

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

```
.background{ background-color:#7DA03A }
```

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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