

Converting Colors

Hex(7FA937)

Have a look what the booklet for
Hex(7FA937) contains.

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Color

Hex(7FA937)

Conversions

Conversions Part 1

Format	Color
Hex	7FA937
RGB	127, 169, 55
RGB Percent	50%, 66%, 22%
CMY	0.5020, 0.3373, 0.7843
CMYK	0.25, 0.00, 0.67, 0.34
HSL	82°, 51%, 44%
HSV	82°, 67%, 66%
XYZ	23.6300, 33.1638, 8.7703
YIQ	143.4460, 11.5620, -44.3580

Conversions

Conversions Part 2

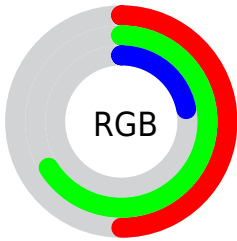
Format	Color
RYB	55, 169, 97
Decimal	8366391
CIELab	64.29, -31.70, 52.06
CIELCh	64, 60.952, 121.332
Yxy	33.1638, 0.3604, 0.5058
Android (android.graphics.Color)	4286556471 (0xFF7FA937)
YUV	143.4460, -43.6039, -14.4231
Hunter-Lab	57.5880, -27.5356, 31.2822

Details

The Hex color **7FA937** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6137A9**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **B7E06C**, and **497500** is the 20% darker color. If you saturate the color by 10%, you get **79A926**, and if you desaturate by 10%, it is **85A948**.

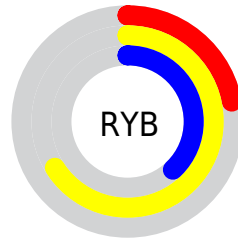
Distribution



Red (50%)

Green (66%)

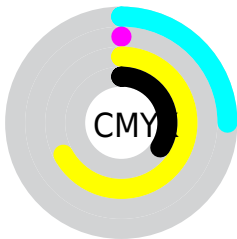
Blue (22%)



Red (22%)

Yellow (66%)

Blue (38%)

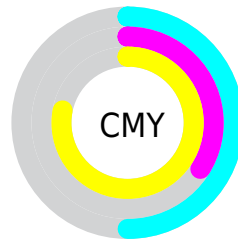


Cyan (25%)

Magenta (0%)

Yellow (67%)

Black (34%)



Cyan (50%)

Magenta (34%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FA937 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 7FA937 by changing the saturation by 10% instead.



7FA937



7FA937

FFFFFF



648E1A



B7E06C



497500



D3FD87



2F5C00



F0FFA2



124400



FFFFBE



002D00



FFFFDA



001800



FFFFF7



000000



7FA937



7FA937



79A926



85A948

■ 73A915

■ 8BA959

■ 6CA904

■ 92A96A

■ 6BA900

■ 98A97B

■ 9EA98B

■ A4A99C

■ ABA9AD

■ B1A9BE

■ B7A9CF

Harmonies

Analogous

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



B69A23



7FA937



26B265

Triad

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



7FA937



00AFFB



FC689C

Complementary

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



7FA937



6137A9

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.



E075D1



7FA937



00A1FF

Square

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



7FA937



00B5D3



A08CF9



FB7166

Rectangle

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



7FA937



00B58A



A08CF9



F66BAE

Sweetspot

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



7FA937



CBDBAF



A96137



646E53



EDEDED



6E6E6E

Same Dimension

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



7FA937



9ADB2A



46A937



51544C



5D9400



0D1400

Inverse Universe

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



6137A9



6B2ADB



9A37A9



4F4C54



360094



080014

Previews

White Background



This preview shows how the Hex color 7FA937 looks on a white background.

Color Contrast Check

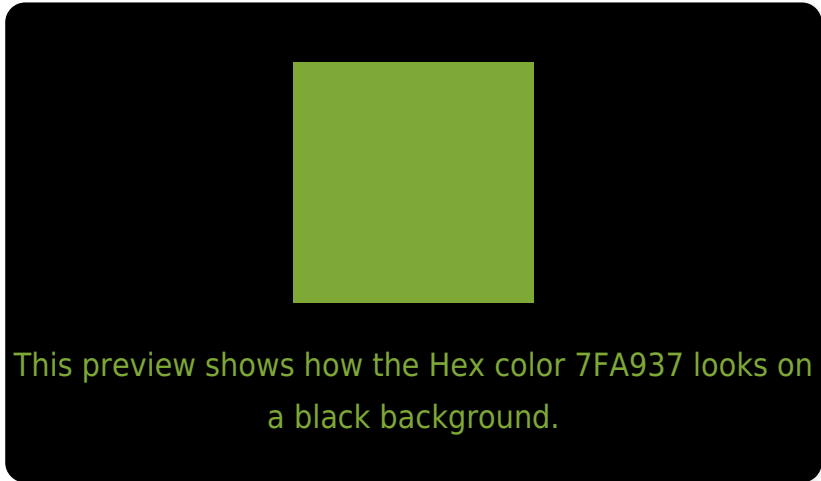
Large Text (above 18pt) WCAG AA × Fail

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 7FA937 Background



This preview shows how black text looks on a background with the Hex color 7FA937.

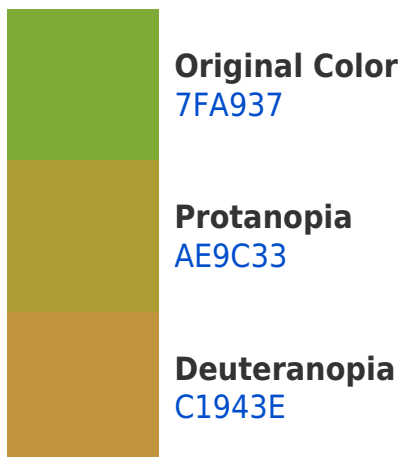


This preview shows how white text looks on a background with the Hex color 7FA937.

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
8D9EAB

Trichromacy



Original Color
7FA937

Protanomaly
9DA134

Deuteranomaly
A99C3B

Tritanomaly
88A281

Monochromacy



Original Color
7FA937

Achromatopsia
8F8F8F

Achromatomaly
89986F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FA937 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 #7FA937 looks like.

```
.text, #text, p{  
    color:#7FA937  
}
```

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 #7FA937 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FA937
}
```

Border

The CSS property to change the border of an element to Hex 7FA937 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
#7FA937 }
```

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

```
.border{ border-color:#7FA937 }
```

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

Here you see how a box with a 4 pixel #7FA937 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FA937; -webkit-box-shadow:4px 4px  
4px 4px #7FA937; box-shadow:4px 4px 4px  
4px #7FA937 }
```

Background

The CSS property to change the background color of an element to Hex 7FA937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FA937 }
```

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

```
.background{ background-color:#7FA937 }
```

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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