

Converting Colors

Hex(8FA731)

Have a look what the booklet for
Hex(8FA731) contains.

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Color

Hex(8FA731)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8FA731 |
| RGB | 143, 167, 49 |
| RGB Percent | 56%, 65%, 19% |
| CMY | 0.4392, 0.3451, 0.8078 |
| CMYK | 0.14, 0.00, 0.71, 0.35 |
| HSL | 72°, 55%, 42% |
| HSV | 72°, 71%, 65% |
| XYZ | 25.7008, 33.6988, 8.0557 |
| YIQ | 146.3720, 23.5740, -41.7860 |

Conversions

Conversions Part 2

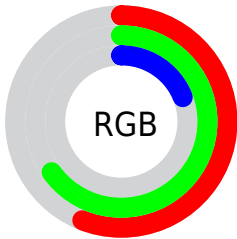
| Format | Color |
|-------------------------------------|---|
| RYB | 49, 167, 73 |
| Decimal | 9414449 |
| CIELab | 64.72, -24.62, 55.22 |
| CIELCh | 65, 60.456, 114.030 |
| Yxy | 33.6988, 0.3810, 0.4996 |
| Android (android.graphics.Color) | 4287604529 (0xFF8FA731) |
| YUV | 146.3720, -48.0044, -2.9572 |
| Hunter-Lab | 58.0507, -22.5614, 32.4078 |

Details

The Hex color **8FA731** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4931A7**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **C7DE67**, and **597300** is the 20% darker color. If you saturate the color by 10%, you get **8CA720**, and if you desaturate by 10%, it is **92A742**.

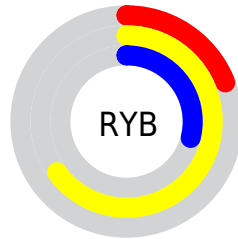
Distribution



Red (56%)

Green (65%)

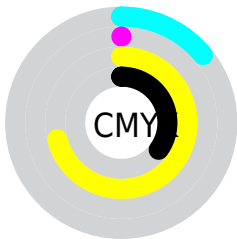
Blue (19%)



Red (19%)

Yellow (65%)

Blue (29%)

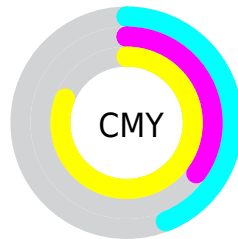


Cyan (14%)

Magenta (0%)

Yellow (71%)

Black (35%)



Cyan (44%)

Magenta (35%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8FA731 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 8FA731 by changing the saturation by 10% instead.



8FA731



8FA731

FFFFFF



748D11



C7DE67



597300



E4FB81



3F5A00



FFFF9D



254300



FFFFB9



082C00



FFFFD5



001900



FFFFF2



000000



8FA731



8FA731



8CA720



92A742

■ 88A710

■ 96A752

■ 85A700

■ 99A763

■ 9DA774

■ A0A784

■ A3A795

■ A7A7A6

■ AAA7B7

■ AEA7C7

Harmonies

Analogous

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



C39728



8FA731



48B15A

Triad

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



8FA731



00B2F4



F96CAA

Complementary

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



8FA731



4931A7

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.



D47CDD



8FA731



00A6FF

Square

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



8FA731



00B7C7



8B93FF



FE6F74

Rectangle

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



8FA731



00B57D



8B93FF



F06FBC

Sweetspot

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



8FA731



CFD9AB



A74931



686E52



EDEDED



6E6E6E

Same Dimension

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



8FA731



B3D921



54A731



52544C



769400



101400

Inverse Universe

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



4931A7



4621D9



8431A7



4D4C54



1E0094



040014

Previews

White Background



This preview shows how the Hex color 8FA731 looks on a white background.

Color Contrast Check

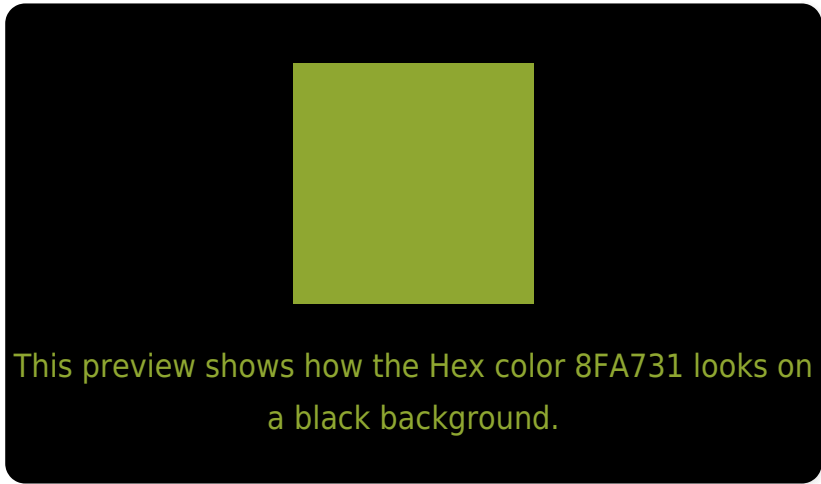
Large Text (above 18pt) WCAG AA × Fail

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 8FA731 Background



This preview shows how black text looks on a background with the Hex color 8FA731.



This preview shows how white text looks on a background with the Hex color 8FA731.

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
8FA731

Protanopia
B09D2E

Deuteranopia
C49538



Tritanopia
9B9CA8

Trichromacy



Original Color
8FA731

Protanomaly
A4A12F

Deuteranomaly
B19C35

Tritanomaly
97A07D

Monochromacy



Original Color
8FA731

Achromatopsia
929292

Achromatomaly
919A6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 8FA731 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 #8FA731 looks like.

```
.text, #text, p{  
    color:#8FA731  
}
```

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 #8FA731 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FA731
}
```

Border

The CSS property to change the border of an element to Hex 8FA731 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
#8FA731 }
```

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

```
.border{ border-color:#8FA731 }
```

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

Here you see how a box with a 4 pixel #8FA731 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FA731; -webkit-box-shadow:4px 4px  
4px 4px #8FA731; box-shadow:4px 4px 4px  
4px #8FA731 }
```

Background

The CSS property to change the background color of an element to Hex 8FA731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FA731 }
```

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

```
.background{ background-color:#8FA731 }
```

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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