

Converting Colors

Hex(80A931)

Have a look what the booklet for
Hex(80A931) contains.

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Color

Hex(80A931)

Conversions

Conversions Part 1

Format	Color
Hex	80A931
RGB	128, 169, 49
RGB Percent	50%, 66%, 19%
CMY	0.4980, 0.3373, 0.8078
CMYK	0.24, 0.00, 0.71, 0.34
HSL	80°, 55%, 43%
HSV	80°, 71%, 66%
XYZ	23.6444, 33.1869, 8.0652
YIQ	143.0610, 14.0840, -46.0120

Conversions

Conversions Part 2

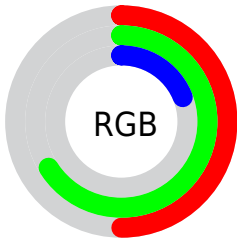
Format	Color
RYB	49, 169, 90
Decimal	8431921
CIELab	64.31, -31.71, 54.47
CIELCh	64, 63.032, 120.205
Yxy	33.1869, 0.3643, 0.5114
Android (android.graphics.Color)	4286622001 (0xFF80A931)
YUV	143.0610, -46.3721, -13.2085
Hunter-Lab	57.6081, -27.5512, 32.0249

Details

The Hex color **80A931** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5A31A9**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **B8E067**, and **4A7500** is the 20% darker color. If you saturate the color by 10%, you get **7AA920**, and if you desaturate by 10%, it is **86A942**.

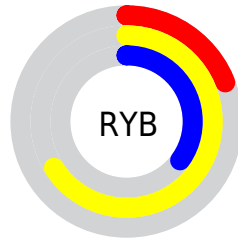
Distribution



Red (50%)

Green (66%)

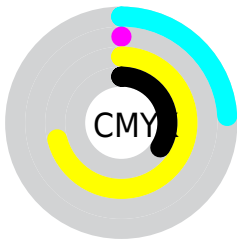
Blue (19%)



Red (19%)

Yellow (66%)

Blue (35%)

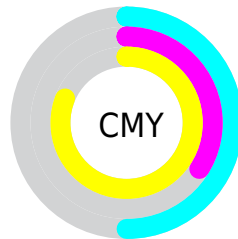


Cyan (24%)

Magenta (0%)

Yellow (71%)

Black (34%)



Cyan (50%)

Magenta (34%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80A931 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 80A931 by changing the saturation by 10% instead.



80A931



80A931

FFFFFF



658E11



B8E067



4A7500



D4FD81



305C00



F2FF9D



124400



FFFFB9



002D00



FFFFD5



001800



FFFFF2



000000



80A931



80A931



7AA920



86A942

 74A90F

 8CA953

 6FA900

 91A964

 97A975

 9DA985

 A3A996

 A8A9A7

 AEA9B8

 B4A9C9

Harmonies

Analogous

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



B8991C



80A931



23B261

Triad

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



80A931



00B0FD



FF669E

Complementary

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



80A931



5A31A9

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.



E074D5



80A931



00A2FF

Square

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



80A931



00B6D3



9C8DFE



FE6E67

Rectangle

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



80A931



00B687



9C8DFE



F869B1

Sweetspot

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



80A931



CCDBAD



A95931



646E52



EDEDED



6E6E6E

Same Dimension

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



80A931



9CDB21



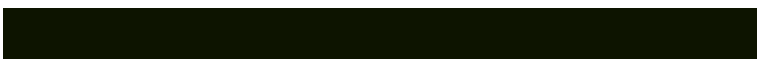
45A931



51544C



619400



0D1400

Inverse Universe

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



5A31A9



6121DB



9531A9



4F4C54



330094



070014

Previews

White Background



This preview shows how the Hex color 80A931 looks on a white background.

Color Contrast Check

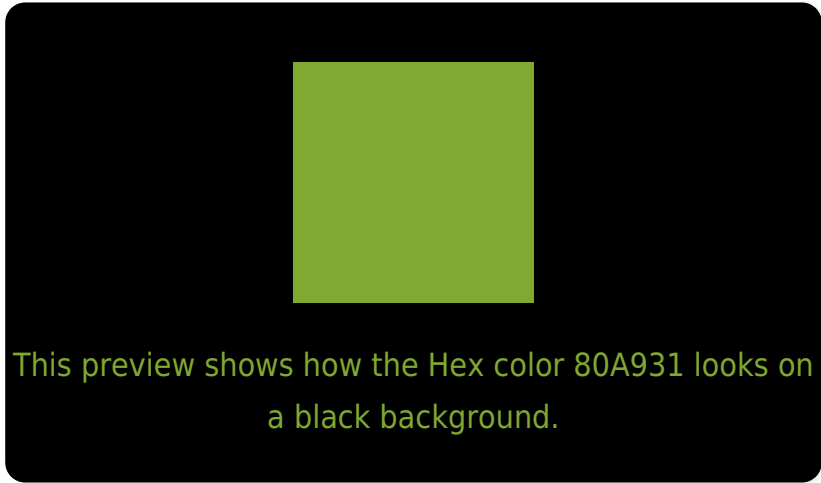
Large Text (above 18pt) WCAG AA × Fail

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 80A931 Background



This preview shows how black text looks on a background with the Hex color 80A931.



This preview shows how white text looks on a background with the Hex color 80A931.

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
80A931

Protanopia
AE9C2E

Deuteranopia
C29439



Tritanopia
8E9EAA

Trichromacy



Original Color
80A931

Protanomaly
9DA12F

Deuteranomaly
AA9C36

Tritanomaly
89A27E

Monochromacy



Original Color
80A931

Achromatopsia
8F8F8F

Achromatomaly
8A986D

CSS Examples

Text

The CSS property to change the color of the text to Hex 80A931 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 #80A931 looks like.

```
.text, #text, p{  
    color:#80A931  
}
```

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 #80A931 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80A931
}
```

Border

The CSS property to change the border of an element to Hex 80A931 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
#80A931 }
```

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

```
.border{ border-color:#80A931 }
```

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

Here you see how a box with a 4 pixel #80A931 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80A931; -webkit-box-shadow:4px 4px  
4px 4px #80A931; box-shadow:4px 4px 4px  
4px #80A931 }
```

Background

The CSS property to change the background color of an element to Hex 80A931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80A931 }
```

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

```
.background{ background-color:#80A931 }
```

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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