

Converting Colors

Hex(8AA930)

Have a look what the booklet for
Hex(8AA930) contains.

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Color

Hex(8AA930)

Conversions

Conversions Part 1

Format	Color
Hex	8AA930
RGB	138, 169, 48
RGB Percent	54%, 66%, 19%
CMY	0.4588, 0.3373, 0.8118
CMYK	0.18, 0.00, 0.72, 0.34
HSL	75°, 56%, 43%
HSV	75°, 72%, 66%
XYZ	25.2027, 33.9926, 8.0292
YIQ	145.9370, 20.3650, -44.2030

Conversions

Conversions Part 2

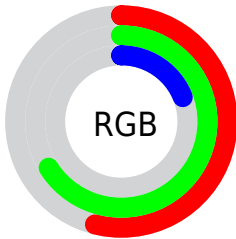
Format	Color
RYB	48, 169, 79
Decimal	9087280
CIELab	64.96, -27.73, 55.71
CIELCh	65, 62.231, 116.460
Yxy	33.9926, 0.3749, 0.5057
Android (android.graphics.Color)	4287277360 (0xFF8AA930)
YUV	145.9370, -48.2829, -6.9607
Hunter-Lab	58.3032, -24.8704, 32.6471

Details

The Hex color **8AA930** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4F30A9**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **C2E066**, and **547500** is the 20% darker color. If you saturate the color by 10%, you get **86A91F**, and if you desaturate by 10%, it is **8EA941**.

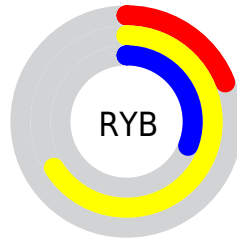
Distribution



Red (54%)

Green (66%)

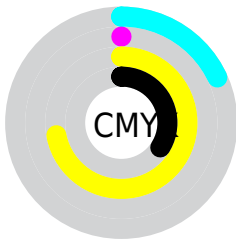
Blue (19%)



Red (19%)

Yellow (66%)

Blue (31%)

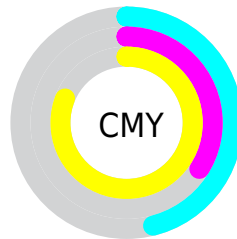


Cyan (18%)

Magenta (0%)

Yellow (72%)

Black (34%)



Cyan (46%)

Magenta (34%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AA930 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 8AA930 by changing the saturation by 10% instead.

 8AA930

 8AA930

FFFFFF

 6F8E0F

 C2E066

 547500

 DFFD81

 3A5C00

 FDF99C

 1F4400

 FFFFB8

 002E00

 FFFF55

 001A00

 FFFF22

 000000

 8AA930

 8AA930

 86A91F

 8EA941

81A90E

93A952

7EA900

97A963

9BA974

A0A984

A4A995

A8A9A6

ADA9B7

B1A9C8

Harmonies

Analogous

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



C09922



8AA930



3CB35D

Triad

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



8AA930



00B2FA



FE69A7

Complementary

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



8AA930



4F30A9

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.



DB7ADC



8AA930



00A6FF

Square

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



8AA930



00B8CE



9292FF



FF6E6F

Rectangle

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



8AA930



00B782



9292FF



F66DB9

Sweetspot

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



8AA930



D0DBAD



A94E30



676E52



EDEDED



6E6E6E

Same Dimension

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



8AA930



ABDB1F



4EA930



52544C



6E9400



0F1400

Inverse Universe

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



4F30A9



4F1FDB



8B30A9



4E4C54



260094



050014

Previews

White Background



This preview shows how the Hex color 8AA930 looks on a white background.

Color Contrast Check

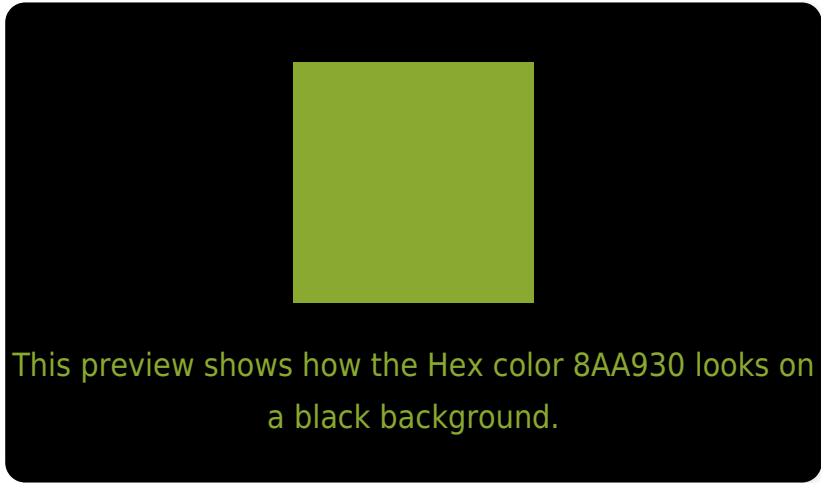
Large Text (above 18pt) WCAG AA × Fail

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 8AA930 Background



This preview shows how black text looks on a background with the Hex color 8AA930.

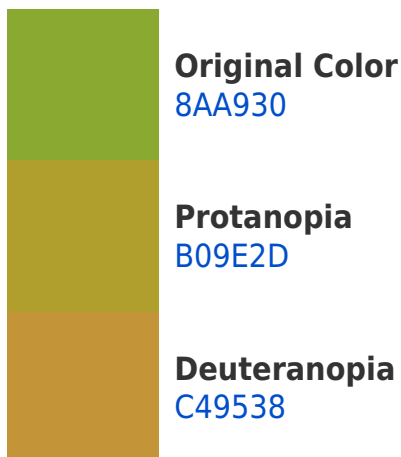


This preview shows how white text looks on a background with the Hex color 8AA930.

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](#).

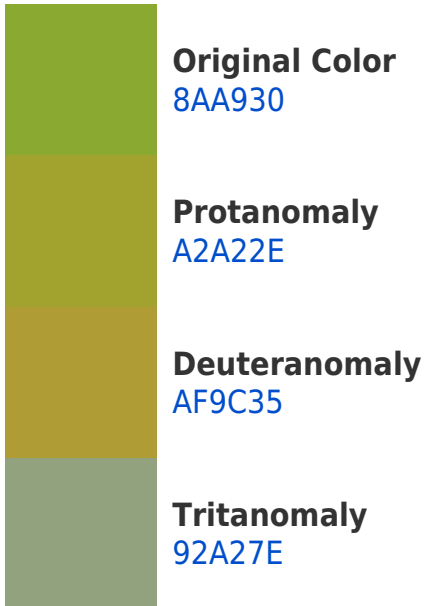
Dichromacy



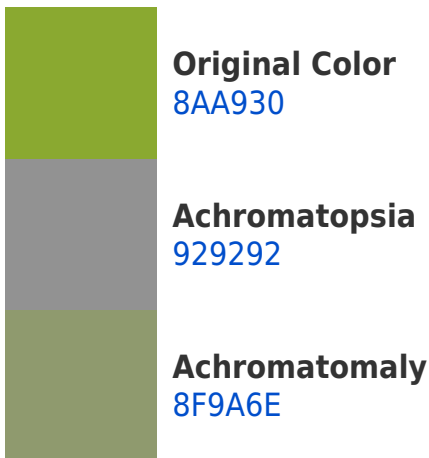


Tritanopia
979EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8AA930 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 #8AA930 looks like.

```
.text, #text, p{  
    color:#8AA930  
}
```

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 #8AA930 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AA930
}
```

Border

The CSS property to change the border of an element to Hex 8AA930 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
#8AA930 }
```

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

```
.border{ border-color:#8AA930 }
```

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

Here you see how a box with a 4 pixel #8AA930 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AA930; -webkit-box-shadow:4px 4px  
4px 4px #8AA930; box-shadow:4px 4px 4px  
4px #8AA930 }
```

Background

The CSS property to change the background color of an element to Hex 8AA930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AA930 }
```

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

```
.background{ background-color:#8AA930 }
```

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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