

Converting Colors

Hex(8EA316)

Have a look what the booklet for
Hex(8EA316) contains.

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Color

Hex(8EA316)

Conversions

Conversions Part 1

Format	Color
Hex	8EA316
RGB	142, 163, 22
RGB Percent	56%, 64%, 9%
CMY	0.4431, 0.3608, 0.9137
CMYK	0.13, 0.00, 0.87, 0.36
HSL	69°, 76%, 36%
HSV	69°, 87%, 64%
XYZ	24.3973, 32.0031, 5.6504
YIQ	140.6470, 32.7450, -48.3030

Conversions

Conversions Part 2

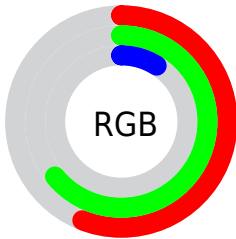
Format	Color
R _Y B	22, 163, 43
Decimal	9347862
CIE Lab	63.35, -24.24, 62.20
CIE LCh	63, 66.760, 111.292
Yxy	32.0031, 0.3932, 0.5158
Android (android.graphics.Color)	4287537942 (0xFF8EA316)
YUV	140.6470, -58.4930, 1.1866
Hunter-Lab	56.5713, -22.0185, 33.6780

Details

The Hex color **8EA316** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2B16A3**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **C7DA53**, and **576F00** is the 20% darker color. If you saturate the color by 10%, you get **8CA306**, and if you desaturate by 10%, it is **90A326**.

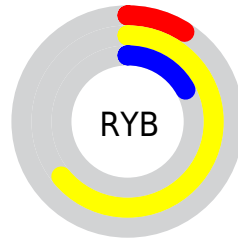
Distribution



Red (56%)

Green (64%)

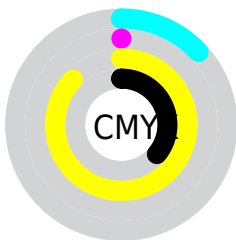
Blue (9%)



Red (9%)

Yellow (64%)

Blue (17%)

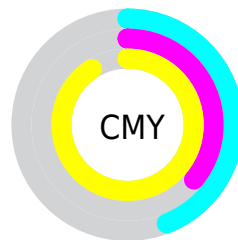


Cyan (13%)

Magenta (0%)

Yellow (87%)

Black (36%)



Cyan (44%)

Magenta (36%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EA316 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 8EA316 by changing the saturation by 10% instead.



8EA316



8EA316

FFFFFF



728900



C7DA53



576F00



E4F66E



3D5700



FFFF8A



224000



FFFFA6



052900



FFFFC2



001400



FFFFDF



000000



FFFFFC



8EA316



8EA316

■ 8CA306

■ 90A326

■ 8BA300

■ 93A337

■ 95A347

■ 98A357

■ 9AA367

■ 9DA378

■ 9FA388

■ A1A398

■ A4A3A9

Harmonies

Analogous

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



C5900E



8EA316



3FAE4A

Triad

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



8EA316



00B1F5



FB60AD

Complementary

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



8EA316



2B16A3

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.



D076E4



8EA316



00A5FF

Square

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



8EA316



00B5C3



7791FF



FF6272

Rectangle

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



8EA316



00B371



7791FF



F166C1

Sweetspot

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



8EA316



CBD49D



A32916



666B4A



EBEBEB



6B6B6B

Same Dimension

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



8EA316



B4D400



4AA316



505249



7C9100



0F1200

Inverse Universe

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



2B16A3



2000D4



6F16A3



4B4952



160091



030012

Previews

White Background



This preview shows how the Hex color 8EA316 looks on a white background.

Color Contrast Check

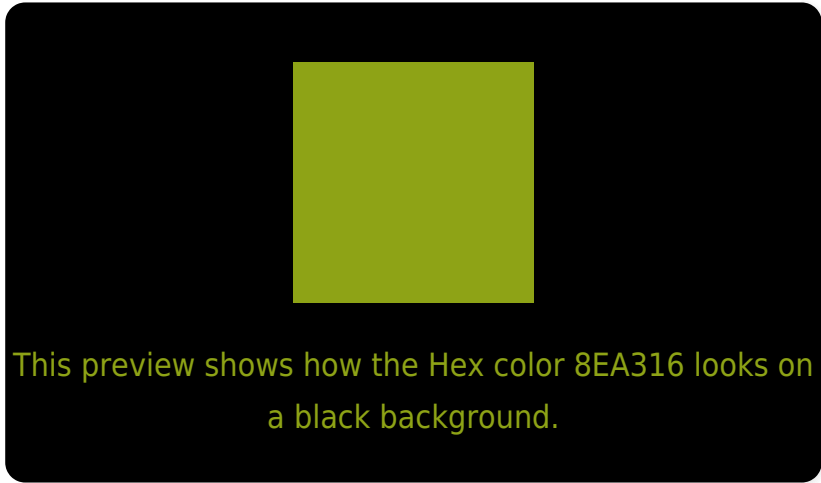
Large Text (above 18pt) WCAG AA × Fail

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 8EA316 Background



This preview shows how black text looks on a background with the Hex color 8EA316.

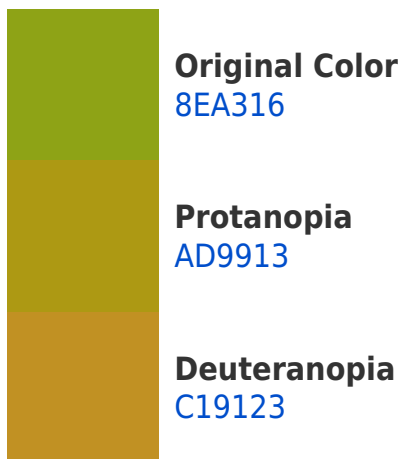



This preview shows how white text looks on a background with the Hex color 8EA316.

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



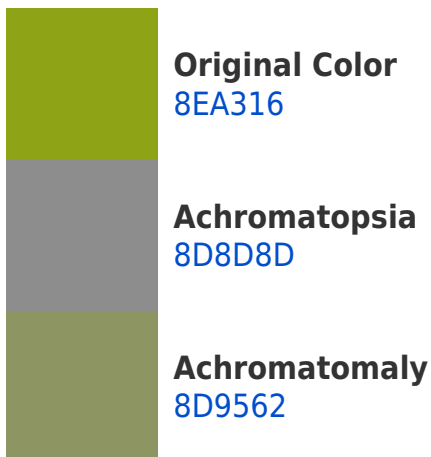


Tritanopia
9A98A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8EA316 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 #8EA316 looks like.

```
.text, #text, p{  
    color:#8EA316  
}
```

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 #8EA316 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EA316
}
```

Border

The CSS property to change the border of an element to Hex 8EA316 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
#8EA316 }
```

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

```
.border{ border-color:#8EA316 }
```

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

Here you see how a box with a 4 pixel #8EA316 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EA316; -webkit-box-shadow:4px 4px  
4px 4px #8EA316; box-shadow:4px 4px 4px  
4px #8EA316 }
```

Background

The CSS property to change the background color of an element to Hex 8EA316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EA316 }
```

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

```
.background{ background-color:#8EA316 }
```

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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