

Converting Colors

Hex(8EA22C)

Have a look what the booklet for
Hex(8EA22C) contains.

| | |
|--|----|
| Hex(8EA22C) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(8EA22C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8EA22C |
| RGB | 142, 162, 44 |
| RGB Percent | 56%, 64%, 17% |
| CMY | 0.4431, 0.3647, 0.8275 |
| CMYK | 0.12, 0.00, 0.73, 0.36 |
| HSL | 70°, 57%, 40% |
| HSV | 70°, 73%, 64% |
| XYZ | 24.5303, 31.7733, 7.2228 |
| YIQ | 142.5680, 25.9580, -40.9380 |

Conversions

Conversions Part 2

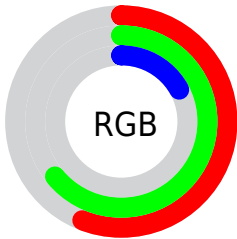
| Format | Color |
|-------------------------------------|--|
| RYB | 44, 162, 64 |
| Decimal | 9347628 |
| CIELab | 63.16, -22.85, 55.51 |
| CIELCh | 63, 60.030, 112.369 |
| Yxy | 31.7733, 0.3861, 0.5002 |
| Android (android.graphics.Color) | 4287537708 (0xFF8EA22C) |
| YUV | 142.5680, -48.5940, -0.4981 |
| Hunter-Lab | 56.3678, -20.9636, 31.8602 |

Details

The Hex color **8EA22C** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **402CA2**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **C6D962**, and **586E00** is the 20% darker color. If you saturate the color by 10%, you get **8BA21C**, and if you desaturate by 10%, it is **91A23C**.

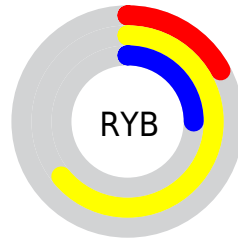
Distribution



Red (56%)

Green (64%)

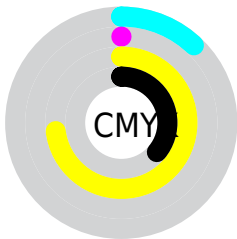
Blue (17%)



Red (17%)

Yellow (64%)

Blue (25%)

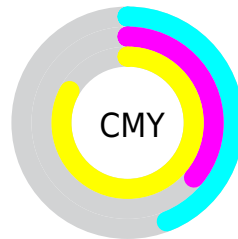


Cyan (12%)

Magenta (0%)

Yellow (73%)

Black (36%)



Cyan (44%)

Magenta (36%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EA22C 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 8EA22C by changing the saturation by 10% instead.



8EA22C



8EA22C

FFFFFF



738809



C6D962



586E00



E3F57D



3E5600



FFFF98



243F00



FFFFB4



082900



FFFFD0



001300



FFFFED



000000



8EA22C



8EA22C



8BA21C



91A23C

■ 89A20C

■ 93A24C

■ 87A200

■ 96A25D

■ 99A26D

■ 9CA27D

■ 9EA28D

■ A1A29D

■ A4A2AE

■ A7A2BE

Harmonies

Analogous

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



C09125



8EA22C



4AAC54

Triad

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



8EA22C



00AEED



F368A9

Complementary

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



8EA22C



402CA2

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.



CC79DB



8EA22C



00A3FF

Square

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



8EA22C



00B2C0



8190FC



F96A73

Rectangle

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



8EA22C



00B077



8190FC



E96CBB

Sweetspot

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



8EA22C



CCD4A5



A2402C



666B4F



EBEBEB



6B6B6B

Same Dimension

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



8EA22C



B4D41C



53A22C



505249



799100



0F1200

Inverse Universe

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



402CA2



3B1CD4



7B2CA2



4B4952



190091



030012

Previews

White Background



This preview shows how the Hex color 8EA22C 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 8EA22C Background



This preview shows how black text looks on a background with the Hex color 8EA22C.



This preview shows how white text looks on a background with the Hex color 8EA22C.

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
8EA22C

Protanopia
AB992A

Deuteranopia
BF9133



Tritanopia
9A97A3

Trichromacy



Original Color
8EA22C

Protanomaly
A09C2B

Deuteranomaly
AD9730

Tritanomaly
969B78

Monochromacy



Original Color
8EA22C

Achromatopsia
8F8F8F

Achromatomaly
8F966B

CSS Examples

Text

The CSS property to change the color of the text to Hex 8EA22C 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 #8EA22C looks like.

```
.text, #text, p{  
    color:#8EA22C  
}
```

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 #8EA22C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EA22C
}
```

Border

The CSS property to change the border of an element to Hex 8EA22C 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
#8EA22C }
```

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

```
.border{ border-color:#8EA22C }
```

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

Here you see how a box with a 4 pixel #8EA22C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EA22C; -webkit-box-shadow:4px 4px  
4px 4px #8EA22C; box-shadow:4px 4px 4px  
4px #8EA22C }
```

Background

The CSS property to change the background color of an element to Hex 8EA22C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EA22C }
```

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

```
.background{ background-color:#8EA22C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor