

Converting Colors

Hex(8EA53B)

Have a look what the booklet for
Hex(8EA53B) contains.

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Color

Hex(8EA53B)

Conversions

Conversions Part 1

Format	Color
Hex	8EA53B
RGB	142, 165, 59
RGB Percent	56%, 65%, 23%
CMY	0.4431, 0.3529, 0.7686
CMYK	0.14, 0.00, 0.64, 0.35
HSL	73°, 47%, 44%
HSV	73°, 64%, 65%
XYZ	25.3999, 32.9768, 9.1641
YIQ	146.0390, 20.3180, -37.8420

Conversions

Conversions Part 2

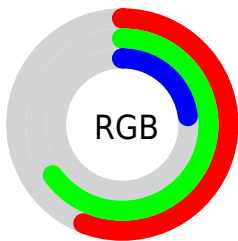
Format	Color
RYB	59, 165, 82
Decimal	9348411
CIELab	64.14, -23.38, 50.53
CIELCh	64, 55.676, 114.832
Yxy	32.9768, 0.3761, 0.4883
Android (android.graphics.Color)	4287538491 (0xFF8EA53B)
YUV	146.0390, -42.9102, -3.5422
Hunter-Lab	57.4254, -21.5421, 30.7361

Details

The Hex color **8EA53B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **523BA5**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **C6DC6F**, and **597100** is the 20% darker color. If you saturate the color by 10%, you get **8AA52A**, and if you desaturate by 10%, it is **92A54B**.

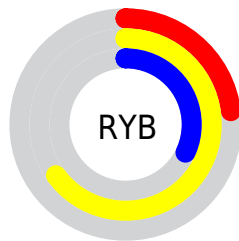
Distribution



Red (56%)

Green (65%)

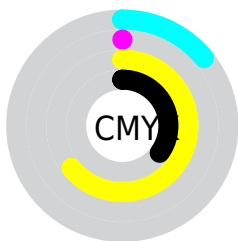
Blue (23%)



Red (23%)

Yellow (65%)

Blue (32%)

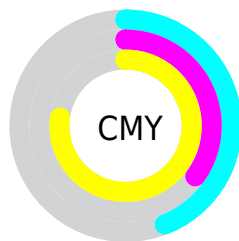


Cyan (14%)

Magenta (0%)

Yellow (64%)

Black (35%)



Cyan (44%)

Magenta (35%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EA53B 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 8EA53B by changing the saturation by 10% instead.



8EA53B



8EA53B

FFFFFF



738B20



C6DC6F



597100



E3F98A



3F5900



FFFFA5



254100



FFFFC1



092B00



FFFFDE



001700



FFFFFB



000000



8EA53B



8EA53B



8AA52A



92A54B

■ 87A51A

■ 95A55C

■ 83A509

■ 99A56C

■ 81A500

■ 9CA57D

■ A0A58D

■ A3A59E

■ A7A5AE

■ ABA5BF

■ AEA5CF

Harmonies

Analogous

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



BE9632



8EA53B



4EAF60

Triad

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



8EA53B



00AFEC



F170A6

Complementary

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



8EA53B



523BA5

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.



D07DD5



8EA53B



00A4FE

Square

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



8EA53B



00B3C4



8F92F6



F67275

Rectangle

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



8EA53B



00B280



8F92F6



E973B7

Sweetspot

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



8EA53B



CDD6AE



A5523B



666B52



EBEBEB



6B6B6B

Same Dimension

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



8EA53B



B2D631



59A53B



505249



729100



0E1200

Inverse Universe

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



523BA5



5531D6



873BA5



4B4952



200091



040012

Previews

White Background



This preview shows how the Hex color 8EA53B looks on a white background.

Color Contrast Check

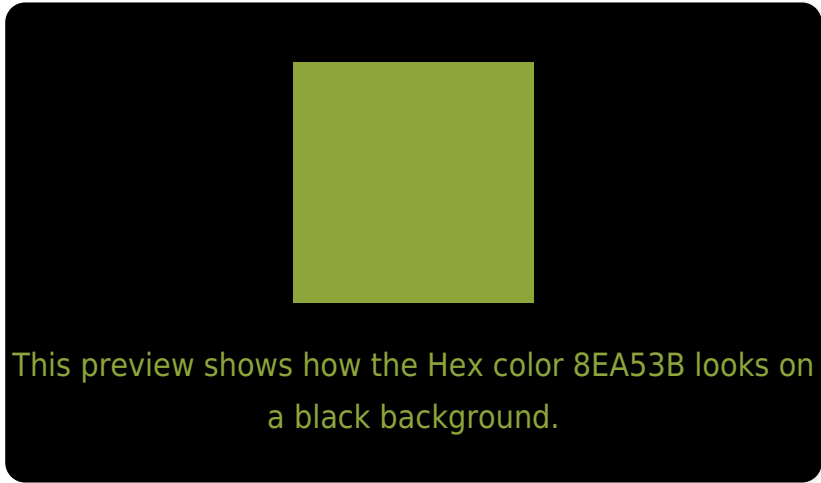
Large Text (above 18pt) WCAG AA × Fail

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 8EA53B Background



This preview shows how black text looks on a background with the Hex color 8EA53B.



This preview shows how white text looks on a background with the Hex color 8EA53B.

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
8EA53B

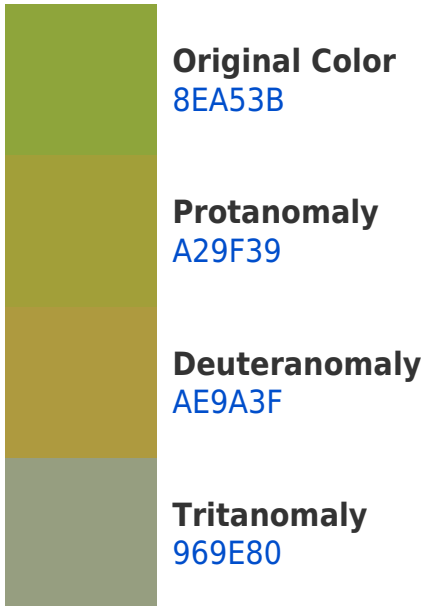
Protanopia
AD9B38

Deuteranopia
C19441



Tritanopia
9A9AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8EA53B 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 #8EA53B looks like.

```
.text, #text, p{  
    color:#8EA53B  
}
```

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 #8EA53B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EA53B
}
```

Border

The CSS property to change the border of an element to Hex 8EA53B 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
#8EA53B }
```

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

```
.border{ border-color:#8EA53B }
```

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

Here you see how a box with a 4 pixel #8EA53B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EA53B; -webkit-box-shadow:4px 4px  
4px 4px #8EA53B; box-shadow:4px 4px 4px  
4px #8EA53B }
```

Background

The CSS property to change the background color of an element to Hex 8EA53B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EA53B }
```

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

```
.background{ background-color:#8EA53B }
```

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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