

Converting Colors

Hex(8EAC53)

Have a look what the booklet for
Hex(8EAC53) contains.

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Color

Hex(8EAC53)

Conversions

Conversions Part 1

Format	Color
Hex	8EAC53
RGB	142, 172, 83
RGB Percent	56%, 67%, 33%
CMY	0.4431, 0.3255, 0.6745
CMYK	0.17, 0.00, 0.52, 0.33
HSL	80°, 35%, 50%
HSV	80°, 52%, 67%
XYZ	27.4692, 35.8804, 13.6614
YIQ	152.8840, 10.6890, -34.0390

Conversions

Conversions Part 2

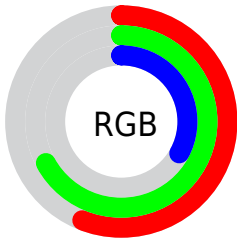
Format	Color
RYB	83, 172, 113
Decimal	9350227
CIELab	66.43, -24.72, 41.99
CIELCh	66, 48.728, 120.482
Yxy	35.8804, 0.3567, 0.4659
Android (android.graphics.Color)	4287540307 (0xFF8EAC53)
YUV	152.8840, -34.4528, -9.5453
Hunter-Lab	59.9002, -22.9684, 28.4079

Details

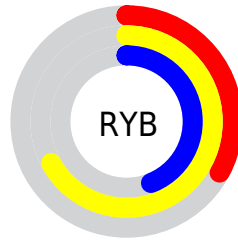
The Hex color **8EAC53** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7153AC**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **C5E387**, and **597821** is the 20% darker color. If you saturate the color by 10%, you get **88AC42**, and if you desaturate by 10%, it is **94AC64**.

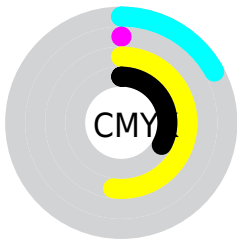
Distribution



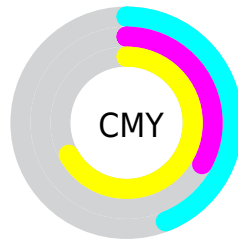
- Red (56%)
- Green (67%)
- Blue (33%)



- Red (33%)
- Yellow (67%)
- Blue (44%)



- Cyan (17%)
- Magenta (0%)
- Yellow (52%)
- Black (33%)



- Cyan (44%)
- Magenta (33%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EAC53 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 8EAC53 by changing the saturation by 10% instead.



8EAC53



8EAC53

FFFFFF



73913A



C5E387



597821



E2FFA2



405F03



FFFFBD



284700



FFFFD9



0D3000



FFFFF6



001E00



000000



8EAC53



8EAC53



88AC42



94AC64

 82AC31

 9AAC75

 7DAC1F

 9FAC87

 77AC0E

 A5AC98

 72AC00

 ABACA9

 B1ACBA

 B7ACCB

 BCACDD

 C2ACEE

Harmonies

Analogous

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



BB9F47



8EAC53



55B475

Triad

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



8EAC53



00B1ED



F17CA3

Complementary

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



8EAC53



7153AC

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.



D885CD



8EAC53



53A6F9

Square

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



8EAC53



00B7CD



A596ED



F28178

Rectangle

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



8EAC53



00B792



A596ED



EC7EB1

Sweetspot

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



8EAC53



D4E0BC



AC7153



69705B



F0F0F0



707070

Same Dimension

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



8EAC53



B2E055



62AC53



54574E



649600



0F1700

Inverse Universe

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



7153AC



8455E0



9D53AC



514E57



330096



080017

Previews

White Background



This preview shows how the Hex color 8EAC53 looks on a white background.

Color Contrast Check

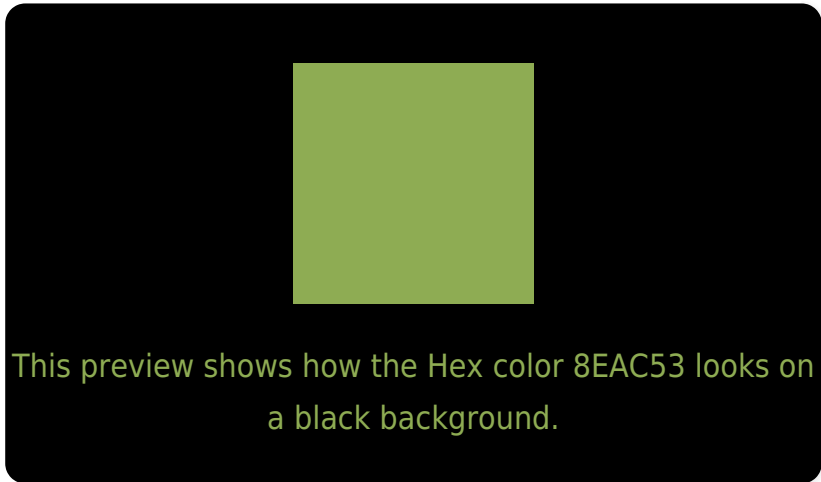
Large Text (above 18pt) WCAG AA × Fail

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 8EAC53 Background



This preview shows how black text looks on a background with the Hex color 8EAC53.



This preview shows how white text looks on a background with the Hex color 8EAC53.

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
8EAC53

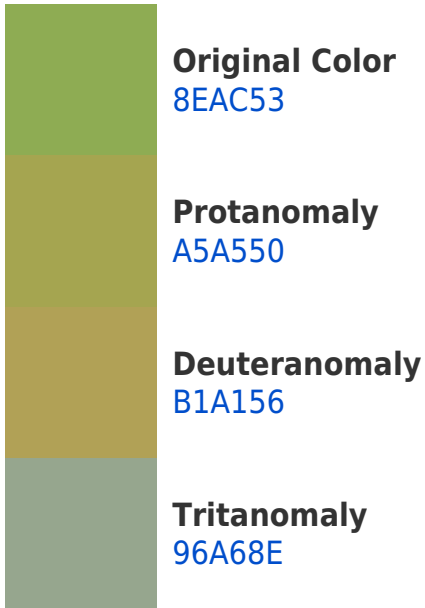
Protanopia
B2A14F

Deuteranopia
C59A58

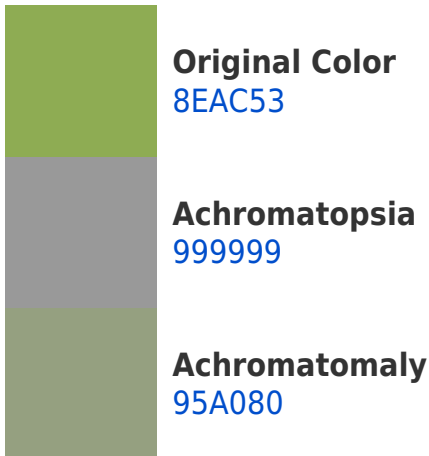


Tritanopia
9AA2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8EAC53 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 #8EAC53 looks like.

```
.text, #text, p{  
    color:#8EAC53  
}
```

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 #8EAC53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EAC53
}
```

Border

The CSS property to change the border of an element to Hex 8EAC53 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
#8EAC53 }
```

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

```
.border{ border-color:#8EAC53 }
```

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

Here you see how a box with a 4 pixel #8EAC53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EAC53; -webkit-box-shadow:4px 4px  
4px 4px #8EAC53; box-shadow:4px 4px 4px  
4px #8EAC53 }
```

Background

The CSS property to change the background color of an element to Hex 8EAC53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EAC53 }
```

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

```
.background{ background-color:#8EAC53 }
```

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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