

Converting Colors

Hex(4EAB59)

Have a look what the booklet for
Hex(4EAB59) contains.

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Color

Hex(4EAB59)

Conversions

Conversions Part 1

Format	Color
Hex	4EAB59
RGB	78, 171, 89
RGB Percent	31%, 67%, 35%
CMY	0.6941, 0.3294, 0.6510
CMYK	0.54, 0.00, 0.48, 0.33
HSL	127°, 37%, 49%
HSV	127°, 54%, 67%
XYZ	19.5080, 31.4668, 14.4967
YIQ	133.8450, -29.1060, -45.2180

Conversions

Conversions Part 2

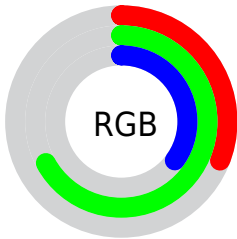
Format	Color
RYB	78, 161, 171
Decimal	5155673
CIELab	62.90, -45.15, 33.91
CIELCh	63, 56.464, 143.092
Yxy	31.4668, 0.2980, 0.4806
Android (android.graphics.Color)	4283345753 (0xFF4EAB59)
YUV	133.8450, -22.1086, -48.9761
Hunter-Lab	56.0953, -36.0907, 23.9444

Details

The Hex color **4EAB59** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AB4EA0**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **86E38C**, and **067628** is the 20% darker color. If you saturate the color by 10%, you get **3DAB4A**, and if you desaturate by 10%, it is **5FAB68**.

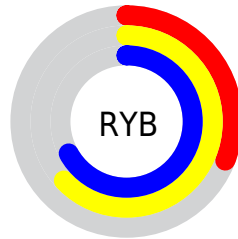
Distribution



Red (31%)

Green (67%)

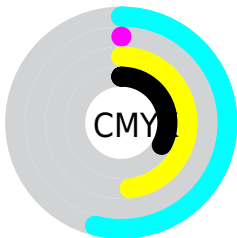
Blue (35%)



Red (31%)

Yellow (63%)

Blue (67%)

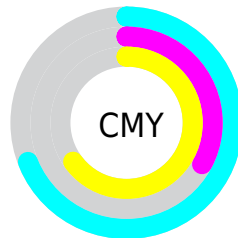


Cyan (54%)

Magenta (0%)

Yellow (48%)

Black (33%)



Cyan (69%)

Magenta (33%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EAB59 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 4EAB59 by changing the saturation by 10% instead.



4EAB59



4EAB59

FFFFFF



309040



86E38C



067628



A2FFA7



005C10



BFFFC3



004400



DCFFDF



002D00



F9FFFC



001200



000000



4EAB59



4EAB59



3DAB4A



5FAB68

■ 2CAB3B

■ 70AB77

■ 1BAB2C

■ 81AB86

■ 0AAB1D

■ 92AB95

■ 00AB14

■ A3ABA4

■ B5ABB3

■ C6ABC3

■ D7ABD2

■ E8ABE1

Harmonies

Analogous

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



8DA135



4EAB59



00B08A

Triad

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



4EAB59



00A1FC



F46E74

Complementary

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



4EAB59



AB4EA0

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.



ED6CA6



4EAB59



8690F5

Square

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



4EAB59



00ACE8



CA7BD5



E17E49

Rectangle

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



4EAB59



00B1AD



CA7BD5



F46B84

Sweetspot

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



4EAB59



BADEBF



A0AB4E



5B705D



F0F0F0



707070

Same Dimension

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



4EAB59



4EDE5F



4EAB87



4E574F



009612



001703

Inverse Universe

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



AB4EA0



DE4ECD



AB4E72



574E56



960085



170014

Previews

White Background



This preview shows how the Hex color 4EAB59 looks on a white background.

Color Contrast Check

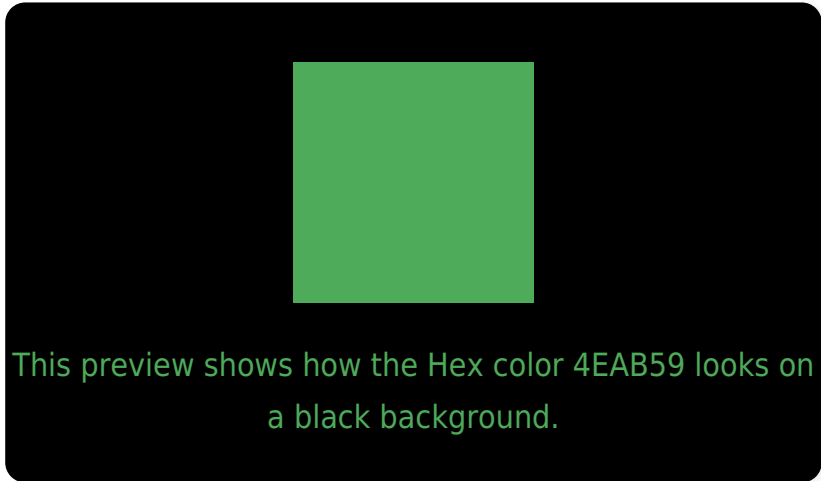
Large Text (above 18pt) WCAG AA × Fail

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

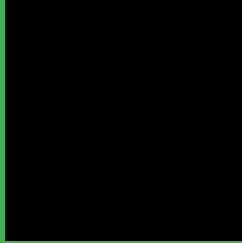
Any Text WCAG AA ✓ Pass

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 4EAB59 Background



This preview shows how black text looks on a background with the Hex color 4EAB59.

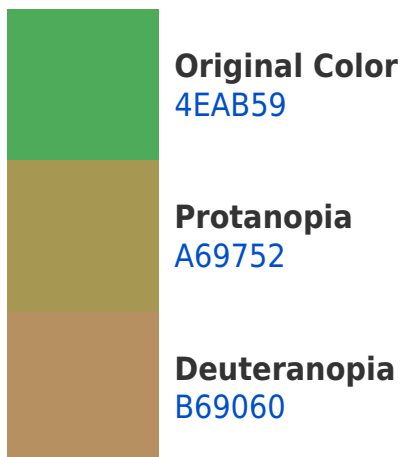


This preview shows how white text looks on a background with the Hex color 4EAB59.

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
62A1AE

Trichromacy



Original Color
4EAB59



Protanomaly
869E55



Deuteranomaly
909A5D



Tritanomaly
5BA58F

Monochromacy



Original Color
4EAB59



Achromatopsia
868686



Achromatomaly
729376

CSS Examples

Text

The CSS property to change the color of the text to Hex 4EAB59 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 #4EAB59 looks like.

```
.text, #text, p{  
    color:#4EAB59  
}
```

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 #4EAB59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EAB59
}
```

Border

The CSS property to change the border of an element to Hex 4EAB59 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
#4EAB59 }
```

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

```
.border{ border-color:#4EAB59 }
```

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

Here you see how a box with a 4 pixel #4EAB59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EAB59; -webkit-box-shadow:4px 4px  
4px 4px #4EAB59; box-shadow:4px 4px 4px  
4px #4EAB59 }
```

Background

The CSS property to change the background color of an element to Hex 4EAB59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EAB59 }
```

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

```
.background{ background-color:#4EAB59 }
```

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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