

# Converting Colors

Hex(4EAB71)

Have a look what the booklet for  
Hex(4EAB71) contains.

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**Color**

**Hex(4EAB71)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4EAB71
RGB	78, 171, 113
RGB Percent	31%, 67%, 44%
CMY	0.6941, 0.3294, 0.5569
CMYK	0.54, 0.00, 0.34, 0.33
HSL	143°, 37%, 49%
HSV	143°, 54%, 67%
XYZ	20.6854, 31.9378, 20.6972
YIQ	136.5810, -36.8100, -37.7540

# Conversions

## Conversions Part 2

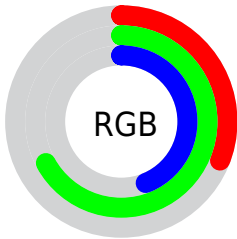
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 146, 171
Decimal	5155697
CIELab	63.29, -41.02, 21.71
CIElCh	63, 46.412, 152.105
Yxy	31.9378, 0.2821, 0.4356
Android (android.graphics.Color)	4283345777 (0xFF4EAB71)
YUV	136.5810, -11.6254, -51.3755
Hunter-Lab	56.5135, -33.5630, 17.8455

# Details

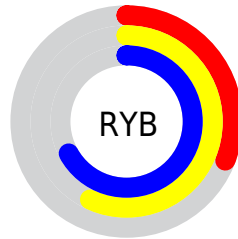
The Hex color **4EAB71** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AB4E88**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **86E3A5**, and **097640** is the 20% darker color. If you saturate the color by 10%, you get **3DAB66**, and if you desaturate by 10%, it is **5FAB7C**.

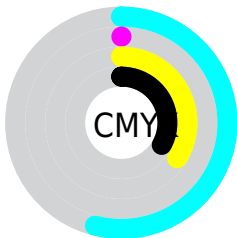
# Distribution



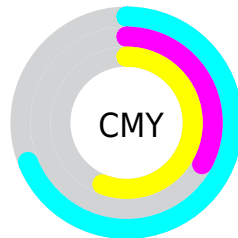
- Red (31%)
- Green (67%)
- Blue (44%)



- Red (31%)
- Yellow (57%)
- Blue (67%)



- Cyan (54%)
- Magenta (0%)
- Yellow (34%)
- Black (33%)



- Cyan (69%)
- Magenta (33%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4EAB71 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 4EAB71 by changing the saturation by 10% instead.





4EAB71



4EAB71

FFFFFF



319058



86E3A5



097640



A2FFC0



005C2A



BEFFDC



004414



DBFFF9



002D00



F9FFFF



001400



000000



4EAB71



4EAB71



3DAB66



5FAB7C

 2CAB5C

 70AB86

 1BAB51

 81AB91

 0AAB46

 92AB9C

 00AB40

 A3ABA6

 B5ABB1

 C6ABBC

 D7ABC6

 E8ABD1

# Harmonies

## Analogous

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



84A451



4EAB71



00AE9B

# Triad

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



4EAB71



559DEC



E47B70

# Complementary

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



4EAB71



AB4E88

# 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.



E57698



4EAB71



A08DDF

# Square

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



4EAB71



00A8E1



CF7EC1



D08950

# Rectangle

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



4EAB71



00AEB7



CF7EC1



E7787C



# Sweetspot

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



4EAB71



BADEC8



89AB4E



5B7063



F0F0F0



707070



# Same Dimension

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



4EAB71



4EDE84



4EAB9F



4E5751



009639



001709



# Inverse Universe

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



AB4E88



DE4EA8



AB4E5A



574E53



96005E



17000E



# Previews

## White Background



This preview shows how the Hex color 4EAB71 looks on a white background.

## Color Contrast Check

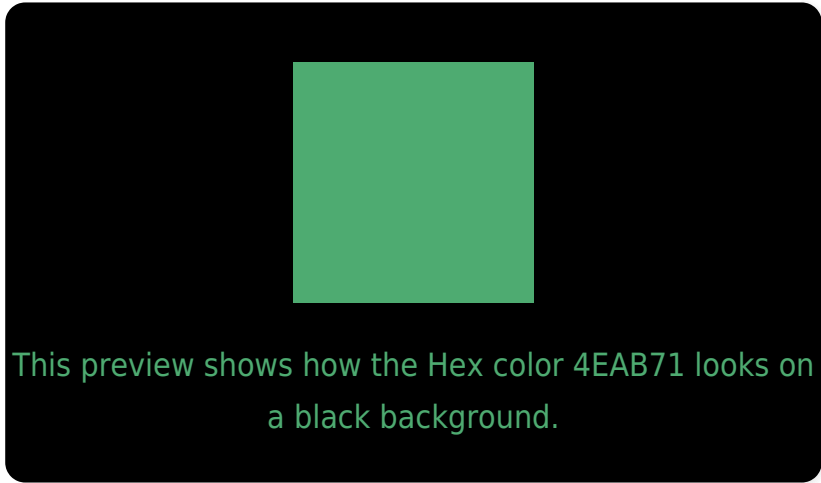
Large Text (above 18pt) WCAG AA × Fail

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

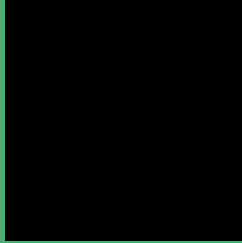
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4EAB71 Background



This preview shows how black text looks on a background with the Hex color 4EAB71.



This preview shows how white text looks on a background with the Hex color 4EAB71.

# 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**  
4EAB71

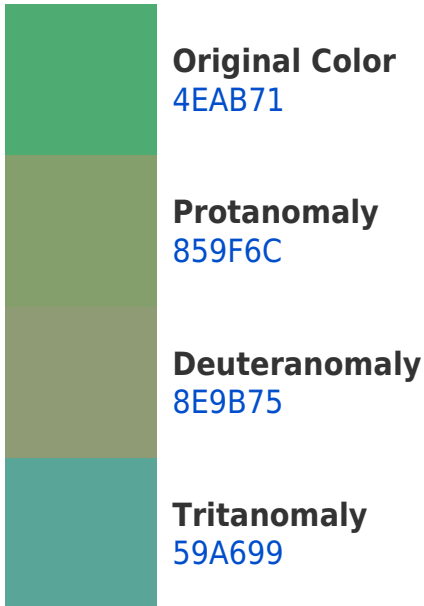
**Protanopia**  
A59869

**Deuteranopia**  
B29277

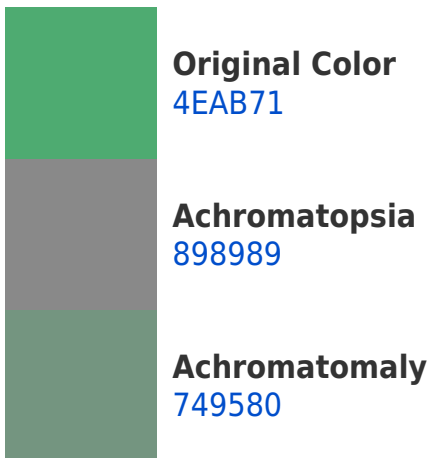


**Tritanopia**  
5FA3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4EAB71 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 #4EAB71 looks like.

```
.text, #text, p{  
    color:#4EAB71  
}
```

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 #4EAB71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EAB71
}
```

## Border

The CSS property to change the border of an element to Hex 4EAB71 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
#4EAB71 }
```

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

```
.border{ border-color:#4EAB71 }
```

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

Here you see how a box with a 4 pixel #4EAB71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EAB71; -webkit-box-shadow:4px 4px  
4px 4px #4EAB71; box-shadow:4px 4px 4px  
4px #4EAB71 }
```

# Background

The CSS property to change the background color of an element to Hex 4EAB71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EAB71 }
```

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

```
.background{ background-color:#4EAB71 }
```

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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