

Converting Colors

Hex(4EA17A)

Have a look what the booklet for
Hex(4EA17A) contains.

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Color

Hex(4EA17A)

Conversions

Conversions Part 1

Format	Color
Hex	4EA17A
RGB	78, 161, 122
RGB Percent	31%, 63%, 48%
CMY	0.6941, 0.3686, 0.5216
CMYK	0.52, 0.00, 0.24, 0.37
HSL	152°, 35%, 47%
HSV	152°, 52%, 63%
XYZ	19.3996, 28.5146, 22.8938
YIQ	131.7370, -36.9490, -29.7250

Conversions

Conversions Part 2

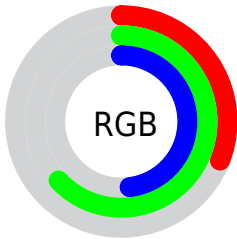
Format	Color
RYB	78, 132, 161
Decimal	5153146
CIELab	60.35, -34.71, 12.71
CIElCh	60, 36.964, 159.885
Yxy	28.5146, 0.2740, 0.4027
Android (android.graphics.Color)	4283343226 (0xFF4EA17A)
YUV	131.7370, -4.8003, -47.1273
Hunter-Lab	53.3990, -28.6002, 11.9600

Details

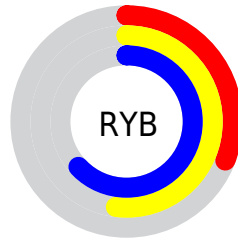
The Hex color **4EA17A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A14E75**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **84D8AE**, and **106D49** is the 20% darker color. If you saturate the color by 10%, you get **3EA172**, and if you desaturate by 10%, it is **5EA182**.

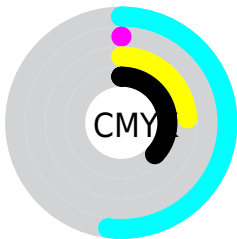
Distribution



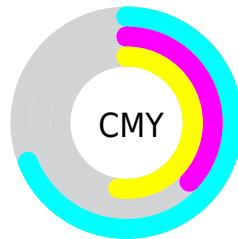
- Red (31%)
- Green (63%)
- Blue (48%)



- Red (31%)
- Yellow (52%)
- Blue (63%)



- Cyan (52%)
- Magenta (0%)
- Yellow (24%)
- Black (37%)



- Cyan (69%)
- Magenta (37%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EA17A 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 4EA17A by changing the saturation by 10% instead.



4EA17A



4EA17A

FFFFFF



328661



84D8AE



106D49



A0F5CA



005433



BCFFE6



003C1D



D9FFFF



002605



F6FFFF



000200



000000



4EA17A



4EA17A



3EA172



5EA182

■ 2EA16B

■ 6EA189

■ 1EA163

■ 7EA191

■ 0EA15C

■ 8EA198

■ 00A155

■ 9FA1A0

■ AFA1A7

■ BFA1AF

■ CFA1B7

■ DFA1BE

Harmonies

Analogous

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



789C5E



4EA17A



04A39C

Triad

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



4EA17A



7291D1



CC7D69

Complementary

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



4EA17A



A14E75

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.



D07888



4EA17A



A385C4

Square

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



4EA17A



309BCE



C37BA9



B98855

Rectangle

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



4EA17A



00A2B1



C37BA9



CF7A73

Sweetspot

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



4EA17A



B2D1C2



76A14E



566960



E8E8E8



696969

Same Dimension

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



4EA17A



4FD194



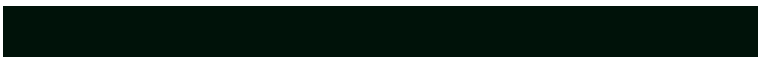
4EA0A1



49524E



00914D



001209

Inverse Universe

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



A14E75



D14F8C



A14F4E



52494D



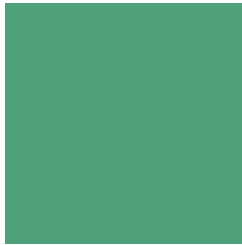
910044



120008

Previews

White Background



This preview shows how the Hex color 4EA17A looks on a white background.

Color Contrast Check

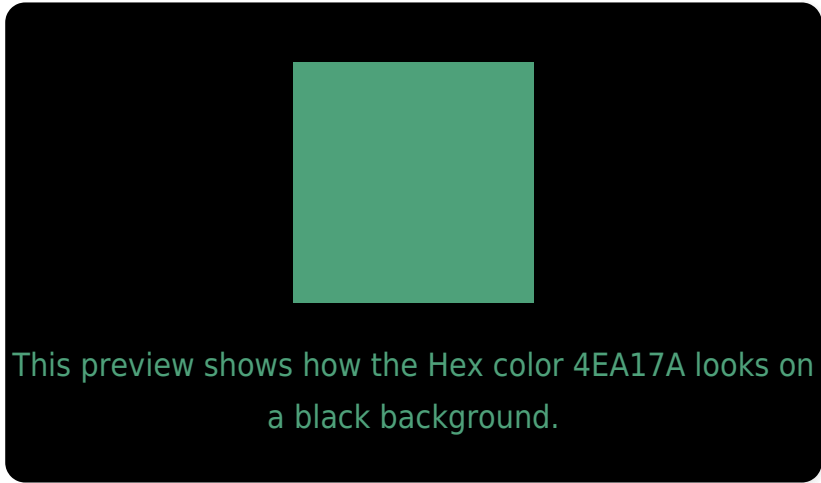
Large Text (above 18pt) WCAG AA ✓ Pass

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

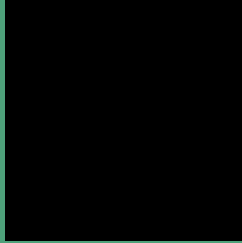
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 4EA17A Background



This preview shows how black text looks on a background with the Hex color 4EA17A.

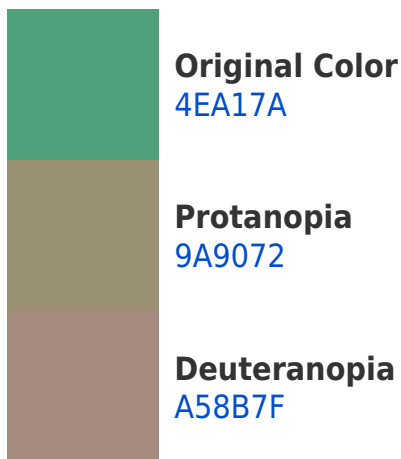


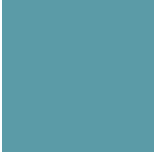
This preview shows how white text looks on a background with the Hex color 4EA17A.

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](#).

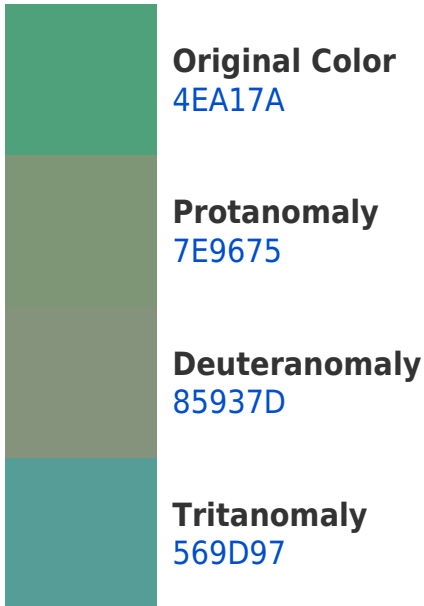
Dichromacy





Tritanopia
5B9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EA17A 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 #4EA17A looks like.

```
.text, #text, p{  
    color:#4EA17A  
}
```

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 #4EA17A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EA17A
}
```

Border

The CSS property to change the border of an element to Hex 4EA17A 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
#4EA17A }
```

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

```
.border{ border-color:#4EA17A }
```

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

Here you see how a box with a 4 pixel #4EA17A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EA17A; -webkit-box-shadow:4px 4px  
4px 4px #4EA17A; box-shadow:4px 4px 4px  
4px #4EA17A }
```

Background

The CSS property to change the background color of an element to Hex 4EA17A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EA17A }
```

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

```
.background{ background-color:#4EA17A }
```

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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