

# Converting Colors

Hex(A4D17E)

Have a look what the booklet for  
Hex(A4D17E) contains.

|  |    |
|--|----|
| <b>Hex(A4D17E)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Hex(A4D17E)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | A4D17E                      |
| RGB         | 164, 209, 126               |
| RGB Percent | 64%, 82%, 49%               |
| CMY         | 0.3569, 0.1804, 0.5059      |
| CMYK        | 0.22, 0.00, 0.40, 0.18      |
| HSL         | 93°, 47%, 66%               |
| HSV         | 93°, 40%, 82%               |
| XYZ         | 41.8762, 54.9998, 28.1476   |
| YIQ         | 186.0830, -0.1770, -35.3530 |

# Conversions

## Conversions Part 2

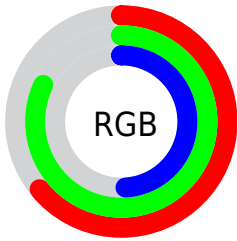
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">126, 209, 171</a>                    |
| Decimal                             | <a href="#">10801534</a>                         |
| CIELab                              | <a href="#">79.04, -29.20, 36.46</a>             |
| CIElCh                              | <a href="#">79, 46.708, 128.689</a>              |
| Yxy                                 | <a href="#">54.9998, 0.3349,<br/>0.4399</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4288991614<br/>(0xFFA4D17E)</a>      |
| YUV                                 | <a href="#">186.0830, -29.6209,<br/>-19.3668</a> |
| Hunter-Lab                          | <a href="#">74.1618, -28.9915,<br/>29.4102</a>   |

# Details

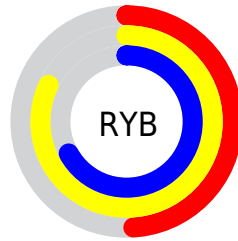
The Hex color **A4D17E** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **AB7ED1**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **DCFFB4**, and **6E9A4B** is the 20% darker color. If you saturate the color by 10%, you get **99D169**, and if you desaturate by 10%, it is **AFD193**.

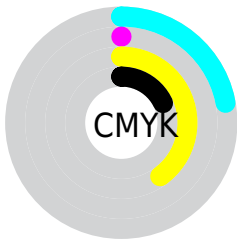
# Distribution



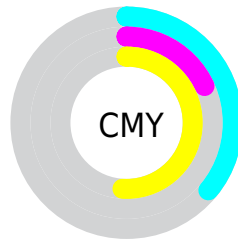
- Red (64%)
- Green (82%)
- Blue (49%)



- Red (49%)
- Yellow (82%)
- Blue (67%)



- Cyan (22%)
- Magenta (0%)
- Yellow (40%)
- Black (18%)



- Cyan (36%)
- Magenta (18%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4D17E 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 A4D17E by changing the saturation by 10% instead.



 A4D17E

 A4D17E

FFFFFF

 89B564

 DCFFB4

 6E9A4B

 F9FFD0

 558033

 FFFFEC

 3B671B

 224E00

 073700

 002300

 000000

 A4D17E

 A4D17E

 99D169

 AFD193

 8DD154

 BBD1A8

 82D13F

 C6D1BD

 77D12A

 D1D1D2

 6BD116

 DDD1E7

 60D101

 E8D1FB

 60D100

 F3D1FF

 FFD1FF

# Harmonies

## Analogous

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



D3C56C



A4D17E



6CD8A3

# Triad

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



A4D17E



39D1FF



FFA1B9

# Complementary

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



A4D17E



AB7ED1

# Split Complementary

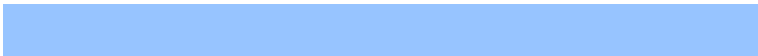
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA6E4



A4D17E



97C4FF

# Square

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



A4D17E



00D8F9



D9B4FF



FFA88F

# Rectangle

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



A4D17E



38DAC0



D9B4FF



FFA1C7



# Sweetspot

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



A4D17E



EEFFE0



D1AA7E



76806E



000000



808080



# Same Dimension

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



A4D17E



BDFF85



7ED181



63695E



4DA800



132900



# Inverse Universe

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



AB7ED1



C785FF



D17ECE



645E69



5B00A8



160029



# Previews

## White Background



This preview shows how the Hex color A4D17E looks on a white background.

## Color Contrast Check

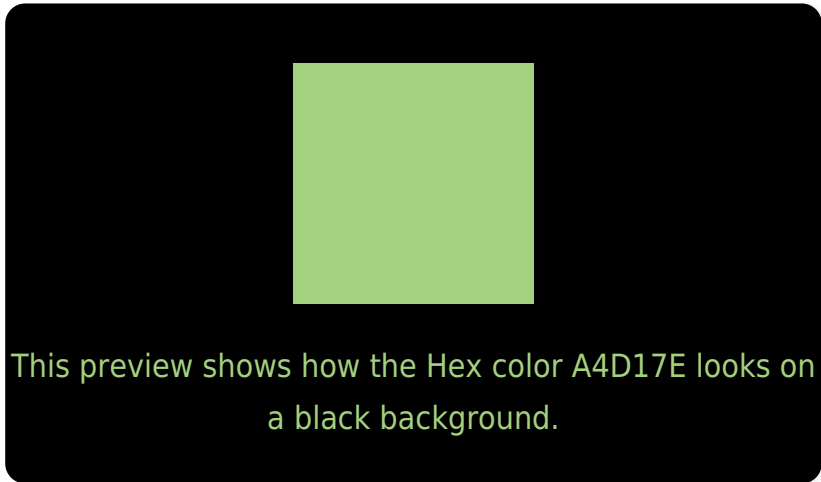
Large Text (above 18pt) WCAG AA × Fail

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

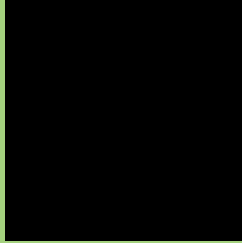
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A4D17E Background



This preview shows how black text looks on a background with the Hex color A4D17E.

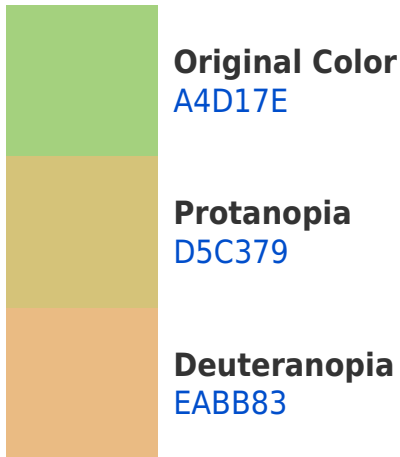


This preview shows how white text looks on a background with the Hex color A4D17E.

# 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**  
B1C6D6

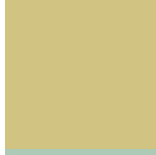
# Trichromacy



**Original Color**  
A4D17E



**Protanomaly**  
C3C87B



**Deuteranomaly**  
D1C381



**Tritanomaly**  
ACCAB6

# Monochromacy



**Original Color**  
A4D17E



**Achromatopsia**  
BABABA



**Achromatomaly**  
B2C2A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4D17E 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 #A4D17E looks like.

```
.text, #text, p{  
    color:#A4D17E  
}
```

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 #A4D17E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4D17E
}
```

## Border

The CSS property to change the border of an element to Hex A4D17E 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
#A4D17E }
```

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

```
.border{ border-color:#A4D17E }
```

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

Here you see how a box with a 4 pixel #A4D17E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4D17E; -webkit-box-shadow:4px 4px  
4px 4px #A4D17E; box-shadow:4px 4px 4px  
4px #A4D17E }
```

# Background

The CSS property to change the background color of an element to Hex A4D17E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4D17E }
```

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

```
.background{ background-color:#A4D17E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor