

# Converting Colors

Hex(A4D171)

Have a look what the booklet for  
Hex(A4D171) contains.

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**Color**

**Hex(A4D171)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4D171
RGB	164, 209, 113
RGB Percent	64%, 82%, 44%
CMY	0.3569, 0.1804, 0.5569
CMYK	0.22, 0.00, 0.46, 0.18
HSL	88°, 51%, 63%
HSV	88°, 46%, 82%
XYZ	41.0909, 54.6857, 24.0125
YIQ	184.6010, 3.9960, -39.3960

# Conversions

## Conversions Part 2

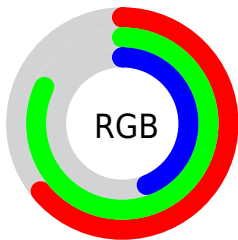
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 209, 158
Decimal	10801521
CIELab	78.86, -30.81, 42.72
CIElCh	79, 52.668, 125.800
Yxy	54.6857, 0.3430, 0.4565
Android (android.graphics.Color)	4288991601 (0xFFA4D171)
YUV	184.6010, -35.2993, -18.0671
Hunter-Lab	73.9498, -30.2268, 32.5126

# Details

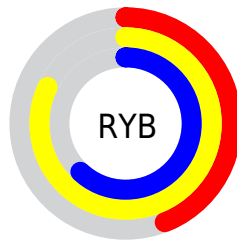
The Hex color **A4D171** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9E71D1**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **DDFFA6**, and **6E9A3E** is the 20% darker color. If you saturate the color by 10%, you get **9AD15C**, and if you desaturate by 10%, it is **AED186**.

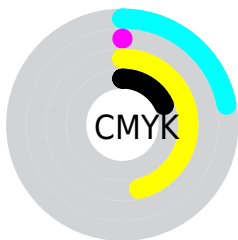
# Distribution



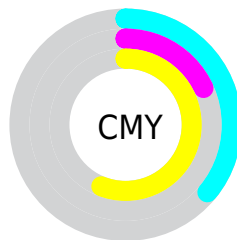
- Red (64%)
- Green (82%)
- Blue (44%)



- Red (44%)
- Yellow (82%)
- Blue (62%)



- Cyan (22%)
- Magenta (0%)
- Yellow (46%)
- Black (18%)



- Cyan (36%)
- Magenta (18%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4D171 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 A4D171 by changing the saturation by 10% instead.





A4D171



A4D171

FFFFFF



89B557



DDFFA6



6E9A3E



FAFFC2



548025



FFFFDE



3A6707



FFFFFB



204E00



013700



002300



000000



A4D171



A4D171

 9AD15C

 AED186

 90D147

 B8D19B

 87D132

 C1D1B0

 7DD11D

 CBD1C5

 73D109

 D5D1DA

 6FD100

 DFD1EE

 E9D1FF

 F2D1FF

 FCD1FF

# Harmonies

## Analogous

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



D8C45F



A4D171



62D999

# Triad

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



A4D171



00D3FF



FF9ABC

# Complementary

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



A4D171



9E71D1

# 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.



FFA2EC



A4D171



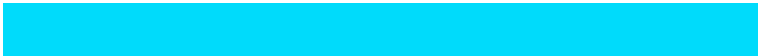
83C5FF

# Square

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



A4D171



00DBFB



D4B3FF



FFA28C

# Rectangle

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



A4D171



00DCBA



D4B3FF



FF9BCC



# Sweetspot

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



A4D171



EEFFDB



D19E71



75806A



000000



808080

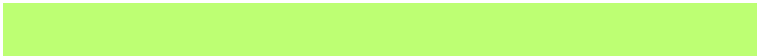


# Same Dimension

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



A4D171



BDF73



74D171



64695E



59A800



162900



# Inverse Universe

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



9E71D1



B473FF



CE71D1



635E69



4F00A8



130029



# Previews

## White Background



This preview shows how the Hex color A4D171 looks on a white background.

## Color Contrast Check

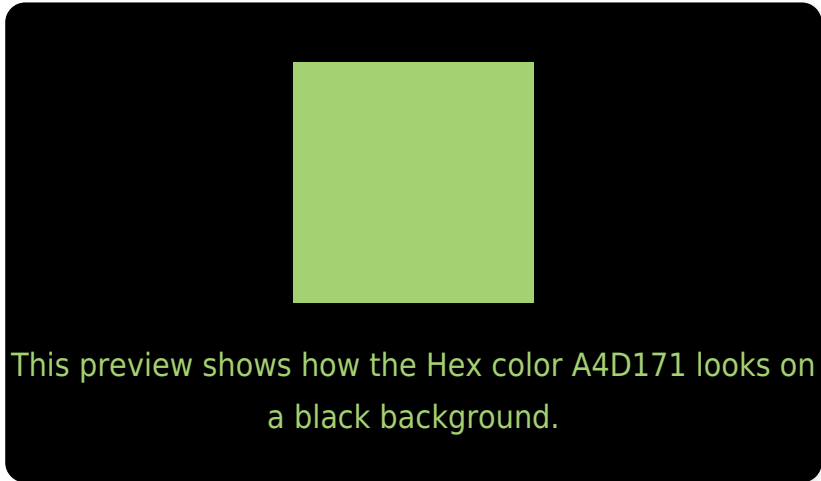
Large Text (above 18pt) WCAG AA × Fail

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 A4D171 Background



This preview shows how black text looks on a background with the Hex color A4D171.

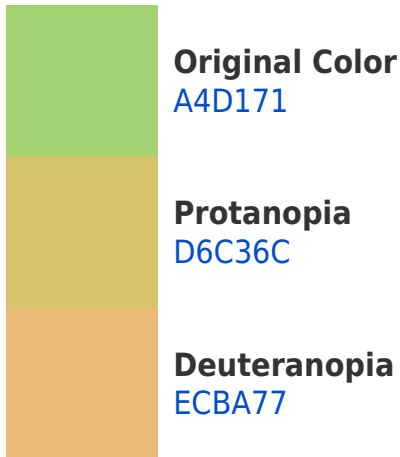


This preview shows how white text looks on a background with the Hex color A4D171.

# 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](#).

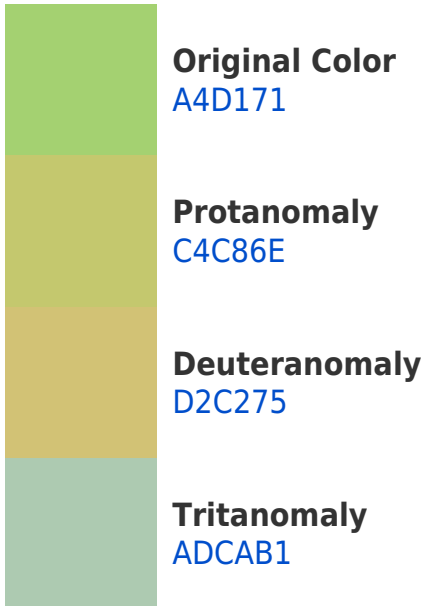
## Dichromacy



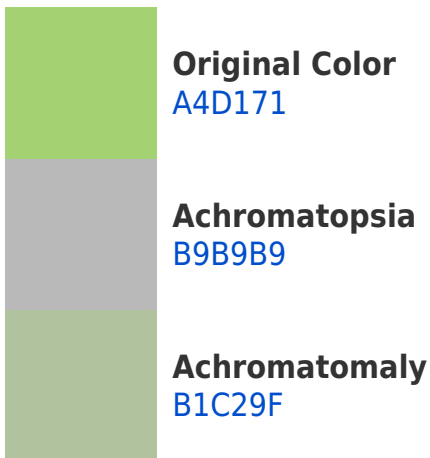


**Tritanopia**  
B2C6D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4D171 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 #A4D171 looks like.

```
.text, #text, p{  
    color:#A4D171  
}
```

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 #A4D171 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4D171
}
```

## Border

The CSS property to change the border of an element to Hex A4D171 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
#A4D171 }
```

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

```
.border{ border-color:#A4D171 }
```

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

Here you see how a box with a 4 pixel #A4D171 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4D171; -webkit-box-shadow:4px 4px  
4px 4px #A4D171; box-shadow:4px 4px 4px  
4px #A4D171 }
```

# Background

The CSS property to change the background color of an element to Hex A4D171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4D171 }
```

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

```
.background{ background-color:#A4D171 }
```

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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