

# Converting Colors

Hex(ACD179)

Have a look what the booklet for  
Hex(ACD179) contains.

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**Color**

**Hex(ACD179)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ACD179
RGB	172, 209, 121
RGB Percent	67%, 82%, 47%
CMY	0.3255, 0.1804, 0.5255
CMYK	0.18, 0.00, 0.42, 0.18
HSL	85°, 49%, 65%
HSV	85°, 42%, 82%
XYZ	43.2649, 55.7521, 26.5701
YIQ	187.9050, 6.1960, -35.2120

# Conversions

## Conversions Part 2

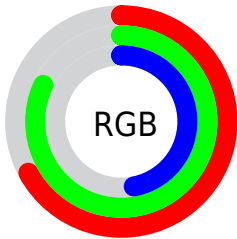
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 209, 158
Decimal	11325817
CIE <sub>Lab</sub>	79.47, -26.90, 39.63
CIE <sub>LCh</sub>	79, 47.893, 124.165
Yxy	55.7521, 0.3445, 0.4439
Android (android.graphics.Color)	4289515897 (0xFFACD179)
YUV	187.9050, -32.9842, -13.9487
Hunter-Lab	74.6673, -27.2385, 31.1690

# Details

The Hex color **ACD179** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9E79D1**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **E5FFAF**, and **769A46** is the 20% darker color. If you saturate the color by 10%, you get **A3D164**, and if you desaturate by 10%, it is **B5D18E**.

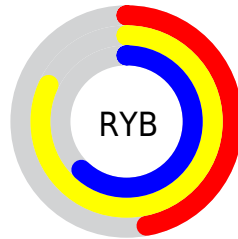
# Distribution



Red (67%)

Green (82%)

Blue (47%)



Red (47%)

Yellow (82%)

Blue (62%)

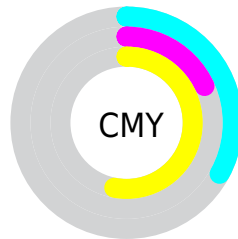


Cyan (18%)

Magenta (0%)

Yellow (42%)

Black (18%)



Cyan (33%)

Magenta (18%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACD179 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 ACD179 by changing the saturation by 10% instead.



 ACD179

 ACD179

FFFFFF

 91B55F

 E5FFAF

 769A46

 FFFPCA

 5C802E

 FFFFE7

 436714

 2A4F00

 103800

 002300

 000000

 ACD179

 ACD179

 A3D164

 B5D18E

 9AD14F

 BED1A3

 92D13A

 C6D1B8

 89D125

 CFD1CD

 80D111

 D8D1E2

 79D100

 E1D1F6

 EAD1FF

 F2D1FF

 FBD1FF

# Harmonies

## Analogous

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



DBC46A



ACD179



74D99C

# Triad

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



ACD179



0CD4FF



FFA1C0

# Complementary

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



ACD179



9E79D1

# 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.



FFA8ED



ACD179



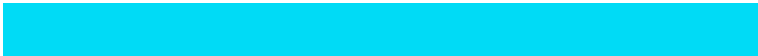
8AC7FF

# Square

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



ACD179



00DBF6



D2B7FF



FFA795

# Rectangle

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



ACD179



41DCBA



D2B7FF



FFA2D0

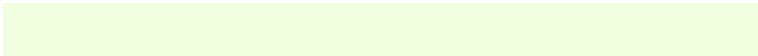


# Sweetspot

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



ACD179



F1FFDE



D19E79



77806B



000000



808080

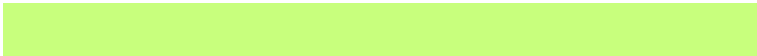


# Same Dimension

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



ACD179



C8FF7D



80D179



64695E



62A800



182900



# Inverse Universe

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



9E79D1



B47DFF



CA79D1



625E69



4700A8



110029



# Previews

## White Background



This preview shows how the Hex color ACD179 looks on a white background.

## Color Contrast Check

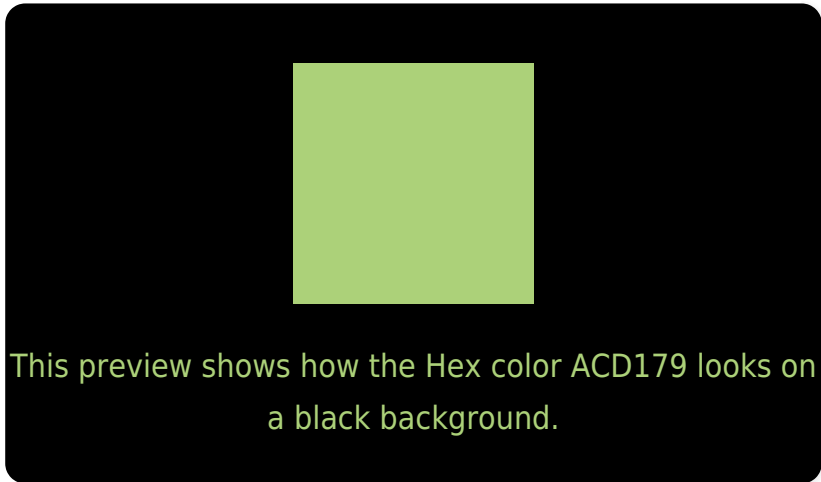
Large Text (above 18pt) WCAG AA × Fail

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 ACD179 Background



This preview shows how black text looks on a background with the Hex color ACD179.

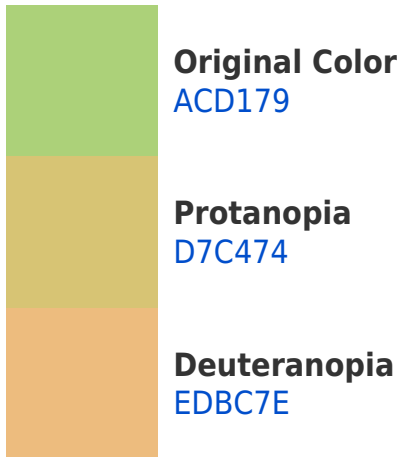


This preview shows how white text looks on a background with the Hex color ACD179.

# 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](#).

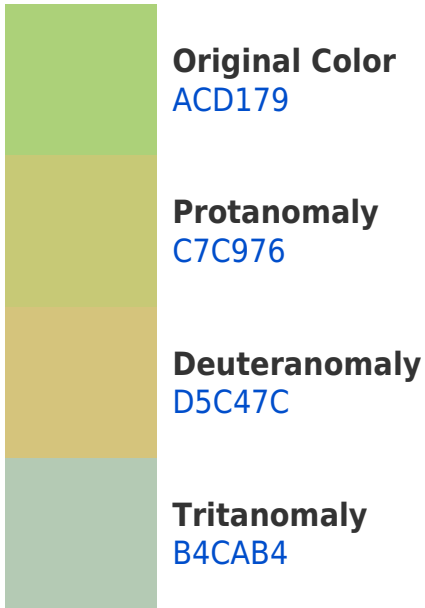
## Dichromacy





**Tritanopia**  
B9C6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACD179 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 #ACD179 looks like.

```
.text, #text, p{  
    color:#ACD179  
}
```

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 #ACD179 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACD179
}
```

## Border

The CSS property to change the border of an element to Hex ACD179 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
#ACD179 }
```

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

```
.border{ border-color:#ACD179 }
```

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

Here you see how a box with a 4 pixel #ACD179 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACD179; -webkit-box-shadow:4px 4px  
4px 4px #ACD179; box-shadow:4px 4px 4px  
4px #ACD179 }
```

# Background

The CSS property to change the background color of an element to Hex ACD179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACD179 }
```

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

```
.background{ background-color:#ACD179 }
```

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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