

# Converting Colors

Hex(A6D299)

Have a look what the booklet for  
Hex(A6D299) contains.

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# **Color**

**Hex(A6D299)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6D299
RGB	166, 210, 153
RGB Percent	65%, 82%, 60%
CMY	0.3490, 0.1765, 0.4000
CMYK	0.21, 0.00, 0.27, 0.18
HSL	106°, 39%, 71%
HSV	106°, 27%, 82%
XYZ	44.5222, 56.5001, 38.6960
YIQ	190.3460, -7.9270, -27.0550

# Conversions

## Conversions Part 2

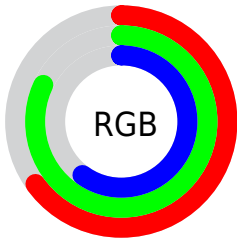
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 210, 197
Decimal	10932889
CIELab	79.90, -25.04, 23.67
CIELCh	80, 34.458, 136.603
Yxy	56.5001, 0.3187, 0.4044
Android (android.graphics.Color)	4289122969 (0xFFA6D299)
YUV	190.3460, -18.4116, -21.3514
Hunter-Lab	75.1665, -25.8133, 22.0939

# Details

The Hex color **A6D299** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C599D2**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **DEFFD0**, and **719B66** is the 20% darker color. If you saturate the color by 10%, you get **96D284**, and if you desaturate by 10%, it is **B6D2AE**.

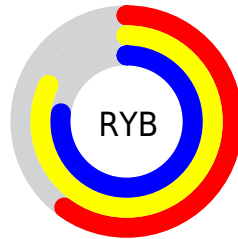
# Distribution



Red (65%)

Green (82%)

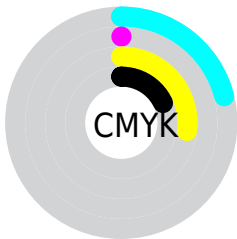
Blue (60%)



Red (60%)

Yellow (82%)

Blue (77%)

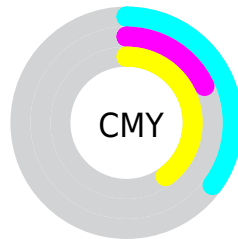


Cyan (21%)

Magenta (0%)

Yellow (27%)

Black (18%)



Cyan (35%)

Magenta (18%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6D299 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 A6D299 by changing the saturation by 10% instead.



 A6D299


FFFFFF

 DEFFD0

 FBFFEC

 A6D299

 8BB67F

 719B66

 58814D

 3F6836

 274F20

 0E3809

 002300

 000000

 A6D299

 A6D299

 96D284

 B6D2AE

 86D26F

 C6D2C3

 75D25A

 D7D2D8

 65D245

 E7D2ED

 55D230

 F7D2FF

 45D21B

 FFD2FF

 35D206

 30D200

# Harmonies

## Analogous

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



CACA88



A6D299



80D7B6

# Triad

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



A6D299



86CDFE



FFAEB5

# Complementary

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



A6D299



C599D2

# 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.



FCB0D6



A6D299



B6C3FF

# Square

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



A6D299



62D5F4



E1B8F2



FFB599

# Rectangle

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



A6D299



6AD8CC



E1B8F2



FFAEC0



# Sweetspot

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



A6D299



EFFFEB



D2C599



768073



000000



808080

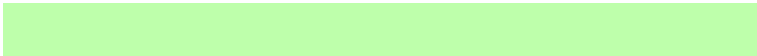


# Same Dimension

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



A6D299



BEFFAB



99D2A8



60695E



26A800



092900



# Inverse Universe

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



C599D2



ECABFF



D299C3



665E69



8200A8

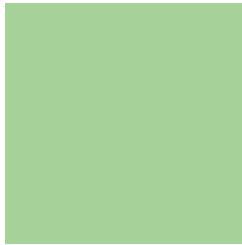


1F0029



# Previews

## White Background



This preview shows how the Hex color A6D299 looks on a white background.

## Color Contrast Check

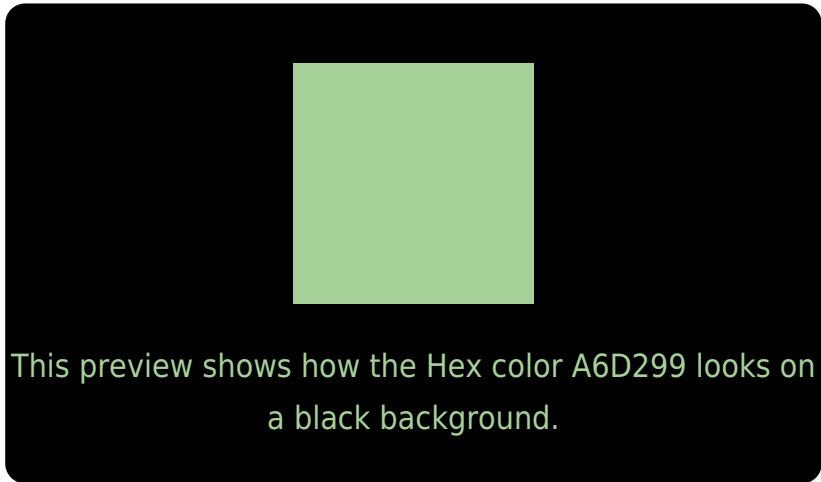
Large Text (above 18pt) WCAG AA × Fail

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

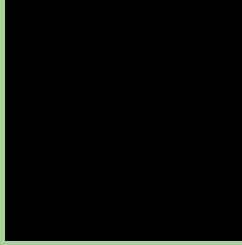
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A6D299 Background



This preview shows how black text looks on a background with the Hex color A6D299.

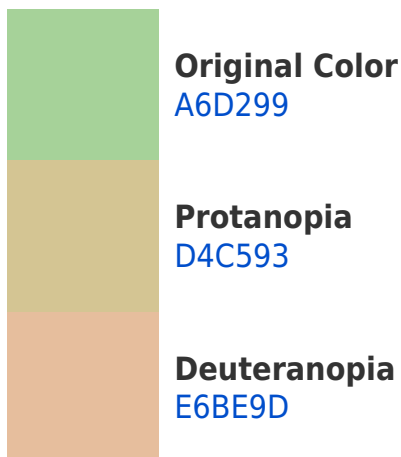


This preview shows how white text looks on a background with the Hex color A6D299.

# Color Blindness Simulation

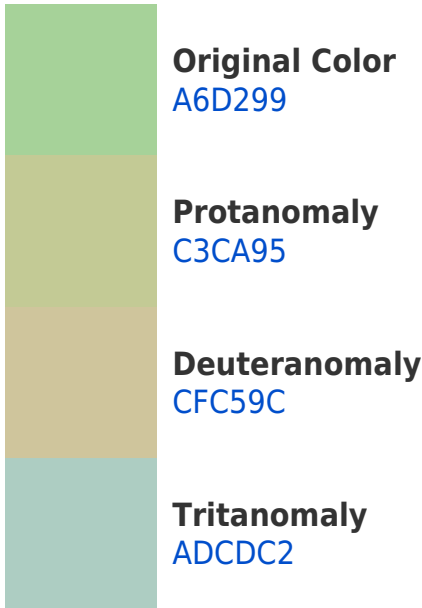
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

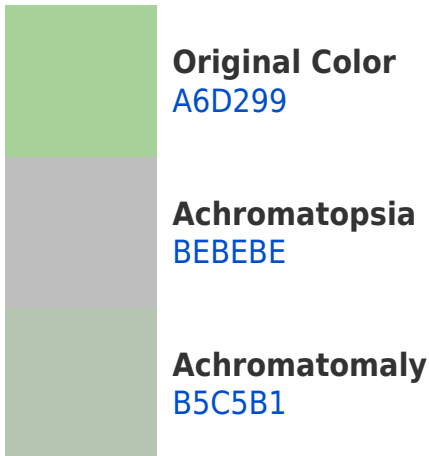




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6D299 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 #A6D299 looks like.

```
.text, #text, p{  
    color:#A6D299  
}
```

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 #A6D299 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6D299
}
```

## Border

The CSS property to change the border of an element to Hex A6D299 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
#A6D299 }
```

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

```
.border{ border-color:#A6D299 }
```

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

Here you see how a box with a 4 pixel #A6D299 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6D299; -webkit-box-shadow:4px 4px  
4px 4px #A6D299; box-shadow:4px 4px 4px  
4px #A6D299 }
```

# Background

The CSS property to change the background color of an element to Hex A6D299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6D299 }
```

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

```
.background{ background-color:#A6D299 }
```

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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