

# Converting Colors

Hex(A4BD59)

Have a look what the booklet for  
Hex(A4BD59) contains.

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**Color**

**Hex(A4BD59)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4BD59
RGB	164, 189, 89
RGB Percent	64%, 74%, 35%
CMY	0.3569, 0.2588, 0.6510
CMYK	0.13, 0.00, 0.53, 0.26
HSL	75°, 43%, 55%
HSV	75°, 53%, 74%
XYZ	35.3106, 45.0090, 16.2777
YIQ	170.1250, 17.2000, -36.4000

# Conversions

## Conversions Part 2

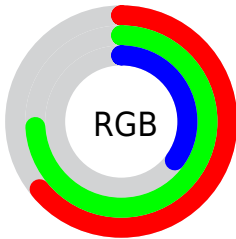
Format	Color
<a href="#">RYB</a>	<a href="#">89, 189, 114</a>
Decimal	<a href="#">10796377</a>
CIELab	<a href="#">72.90, -23.74, 47.13</a>
CIELCh	<a href="#">73, 52.767, 116.738</a>
Yxy	<a href="#">45.0090, 0.3655, 0.4659</a>
Android (android.graphics.Color)	<a href="#">4288986457 (0xFFA4BD59)</a>
YUV	<a href="#">170.1250, -39.9946, -5.3716</a>
Hunter-Lab	<a href="#">67.0887, -23.4559, 32.5766</a>

# Details

The Hex color **A4BD59** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7259BD**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **DDF58E**, and **6E8825** is the 20% darker color. If you saturate the color by 10%, you get **9FBD46**, and if you desaturate by 10%, it is **A9BD6C**.

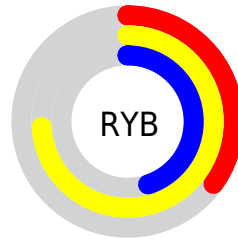
# Distribution



Red (64%)

Green (74%)

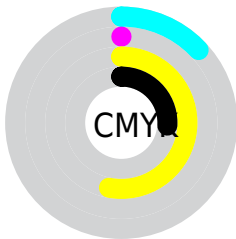
Blue (35%)



Red (35%)

Yellow (74%)

Blue (45%)

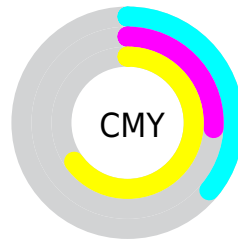


Cyan (13%)

Magenta (0%)

Yellow (53%)

Black (26%)



Cyan (36%)

Magenta (26%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4BD59 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 A4BD59 by changing the saturation by 10% instead.



 A4BD59

 A4BD59

FFFFFF

 89A23F

 DDF58E

 6E8825


 FAFFA9

 546E05

 FFFFC5

 3A5600

 FFFFE1

 213E00

FFFFFFE

 052800

 001200

 000000

 A4BD59

 A4BD59

 9FBD46

 A9BD6C

 9BBD33

 ADBD7F

 96BD20

 B2BD92

 91BD0D

 B7BDA5

 8EBD00

 BCBDB8

 C0BDCA

 C5BDDD

 CABDF0

 CFBDFE

# Harmonies

## Analogous

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



D4AE4F



A4BD59



68C77C

# Triad

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



A4BD59



00C5FF



FF8ABA

# Complementary

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



A4BD59



7259BD

# 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.



EA96E9



A4BD59



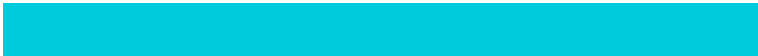
4ABAFF

# Square

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



A4BD59



00CBDD



AEA8FF



FF8E8A

# Rectangle

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



A4BD59



24CA9B



AEA8FF



FF8DCA



# Sweetspot

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



A4BD59



EBF5CE



BD7259



757A63



FAFAFA



7A7A7A



# Same Dimension

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



A4BD59



CEF55B



72BD59



5C5E55



779E00



171F00



# Inverse Universe

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



7259BD



815BF5



A459BD



57555E



28009E



08001F



# Previews

## White Background



This preview shows how the Hex color A4BD59 looks on a white background.

## Color Contrast Check

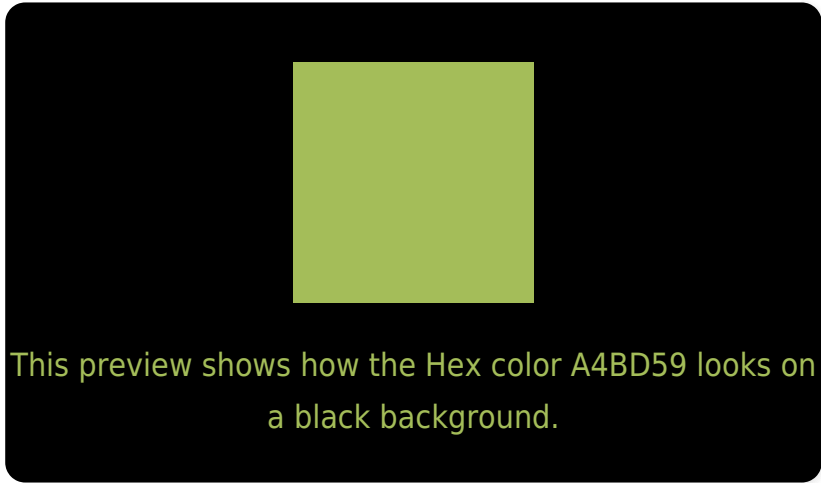
Large Text (above 18pt) WCAG AA × Fail

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 A4BD59 Background



This preview shows how black text looks on a background with the Hex color A4BD59.

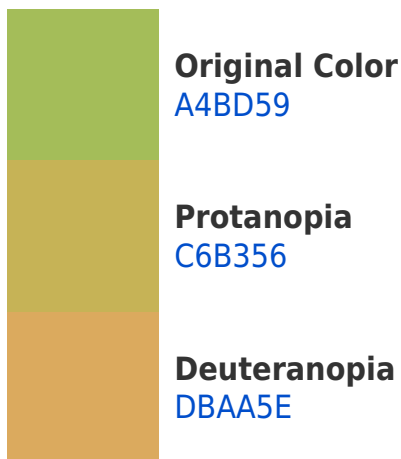


This preview shows how white text looks on a background with the Hex color A4BD59.

# Color Blindness Simulation

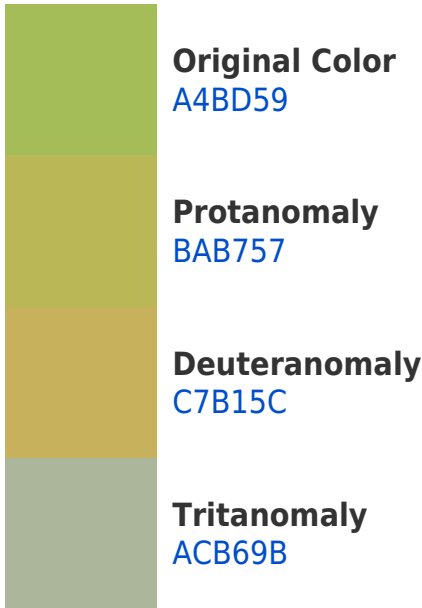
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

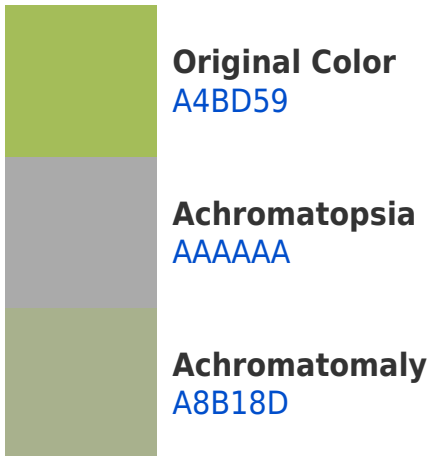




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4BD59 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 #A4BD59 looks like.

```
.text, #text, p{  
    color:#A4BD59  
}
```

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 #A4BD59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4BD59  
}
```

## Border

The CSS property to change the border of an element to Hex A4BD59 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  
#A4BD59 }
```

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

```
.border{ border-color:#A4BD59 }
```

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

Here you see how a box with a 4 pixel #A4BD59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4BD59; -webkit-box-shadow:4px 4px  
4px 4px #A4BD59; box-shadow:4px 4px 4px  
4px #A4BD59 }
```

# Background

The CSS property to change the background color of an element to Hex A4BD59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4BD59 }
```

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

```
.background{ background-color:#A4BD59 }
```

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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