

# Converting Colors

Hex(A3B173)

Have a look what the booklet for  
Hex(A3B173) contains.

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**Color**

**Hex(A3B173)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3B173
RGB	163, 177, 115
RGB Percent	64%, 69%, 45%
CMY	0.3608, 0.3059, 0.5490
CMYK	0.08, 0.00, 0.35, 0.31
HSL	74°, 28%, 57%
HSV	74°, 35%, 69%
XYZ	33.9209, 40.4686, 22.2431
YIQ	165.7460, 11.5580, -22.2500

# Conversions

## Conversions Part 2

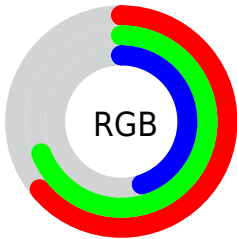
Format	Color
<a href="#">RYB</a>	<a href="#">115, 177, 129</a>
Decimal	<a href="#">10727795</a>
CIELab	<a href="#">69.80, -15.18, 30.14</a>
CIELCh	<a href="#">70, 33.749, 116.722</a>
Yxy	<a href="#">40.4686, 0.3510, 0.4188</a>
Android (android.graphics.Color)	<a href="#">4288917875 (0xFFA3B173)</a>
YUV	<a href="#">165.7460, -25.0178, -2.4082</a>
Hunter-Lab	<a href="#">63.6149, -16.1460, 23.7996</a>

# Details

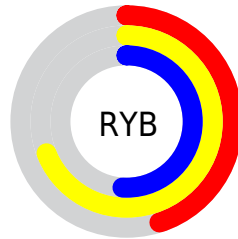
The Hex color **A3B173** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8173B1**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **DBE9A8**, and **6E7C42** is the 20% darker color. If you saturate the color by 10%, you get **9FB161**, and if you desaturate by 10%, it is **A7B185**.

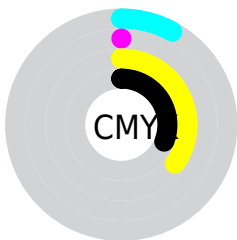
# Distribution



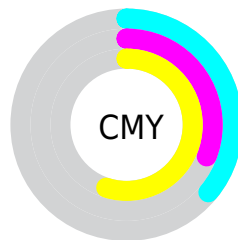
- Red (64%)
- Green (69%)
- Blue (45%)



- Red (45%)
- Yellow (69%)
- Blue (51%)



- Cyan (8%)
- Magenta (0%)
- Yellow (35%)
- Black (31%)



- Cyan (36%)
- Magenta (31%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3B173 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 A3B173 by changing the saturation by 10% instead.





A3B173



A3B173

FFFFFF



88965A



DBE9A8



6E7C42



F7FFC3



55642A



FFFFDf



3D4C13



FFFFFC



263500



0E2000



000000



A3B173



A3B173



9FB161



A7B185

9BB150

ABB196

97B13E

AFB1A8

93B12C

B3B1BA

8FB11A

B7B1CB

8BB109

BBB1DD

89B100

BFB1EF

C3B1FF

C7B1FF

# Harmonies

## Analogous

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



C3A76D



A3B173



7FB888

# Triad

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



A3B173



4EB6DD



E394AF

# Complementary

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



A3B173



8173B1

# 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.



CE99CD



A3B173



7BAFE7

# Square

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



A3B173



3FBBC5



AAA4E1



E79591

# Rectangle

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



A3B173



66BA9B



AAA4E1



DE95B9



# Sweetspot

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



A3B173



E0E6CC



B18073



6F7364



F2F2F2



737373



# Same Dimension

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



A3B173



D0E685



85B173



575950



769900



141A00



# Inverse Universe

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



8173B1



9B85E6



9F73B1



525059



230099



06001A



# Previews

## White Background



This preview shows how the Hex color A3B173 looks on a white background.

## Color Contrast Check

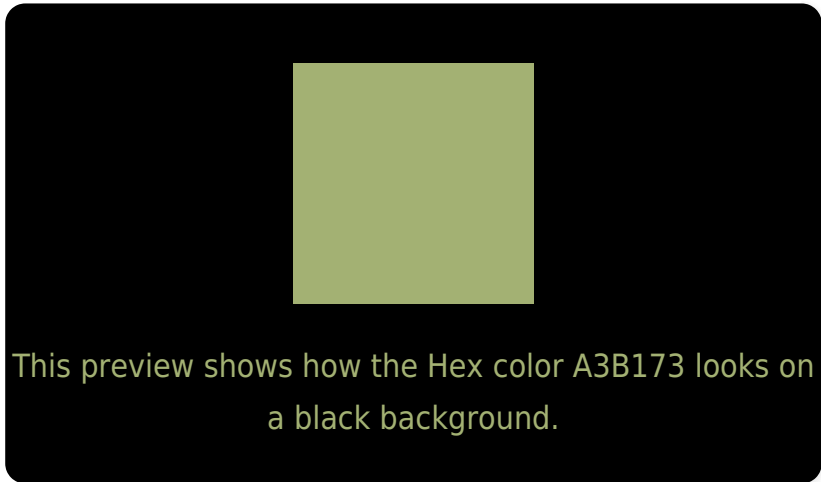
Large Text (above 18pt) WCAG AA × Fail

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

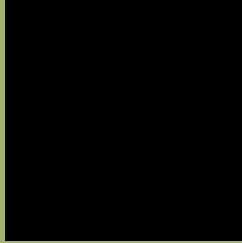
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A3B173 Background



This preview shows how black text looks on a background with the Hex color A3B173.

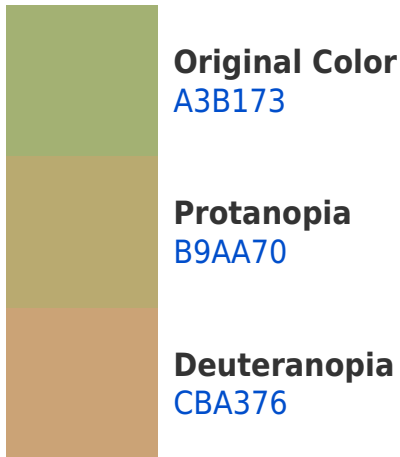


This preview shows how white text looks on a background with the Hex color A3B173.

# 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](#).

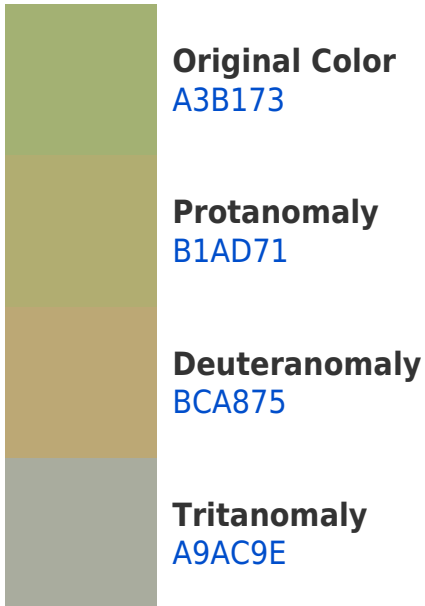
## Dichromacy



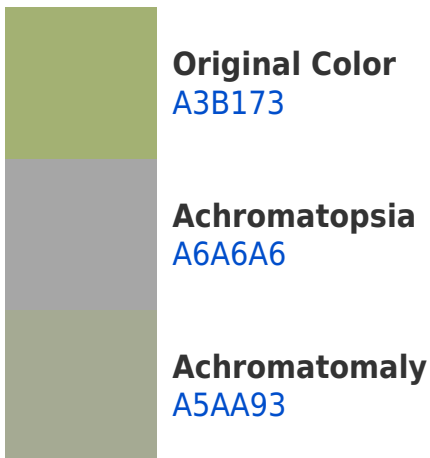


**Tritanopia**  
ACA9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3B173 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 #A3B173 looks like.

```
.text, #text, p{  
    color:#A3B173  
}
```

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 #A3B173 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3B173
}
```

## Border

The CSS property to change the border of an element to Hex A3B173 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
#A3B173 }
```

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

```
.border{ border-color:#A3B173 }
```

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

Here you see how a box with a 4 pixel #A3B173 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3B173; -webkit-box-shadow:4px 4px  
4px 4px #A3B173; box-shadow:4px 4px 4px  
4px #A3B173 }
```

# Background

The CSS property to change the background color of an element to Hex A3B173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3B173 }
```

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

```
.background{ background-color:#A3B173 }
```

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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