

# Converting Colors

Hex(B4A459)

Have a look what the booklet for  
Hex(B4A459) contains.

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**Color**

**Hex(B4A459)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4A459
RGB	180, 164, 89
RGB Percent	71%, 64%, 35%
CMY	0.2941, 0.3569, 0.6510
CMYK	0.00, 0.09, 0.51, 0.29
HSL	49°, 38%, 53%
HSV	49°, 51%, 71%
XYZ	33.9010, 36.9755, 14.8014
YIQ	160.2340, 33.6110, -19.9330

# Conversions

## Conversions Part 2

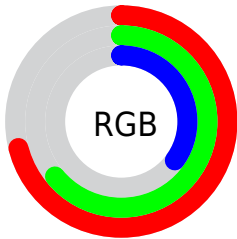
Format	Color
<a href="#">RYB</a>	<a href="#">108, 180, 89</a>
Decimal	<a href="#">11838553</a>
CIELab	<a href="#">67.26, -4.28, 40.71</a>
CIELCh	<a href="#">67, 40.938, 96.004</a>
Yxy	<a href="#">36.9755, 0.3957, 0.4316</a>
Android (android.graphics.Color)	<a href="#">4290028633 (0xFFB4A459)</a>
YUV	<a href="#">160.2340, -35.1184, 17.3348</a>
Hunter-Lab	<a href="#">60.8075, -6.8968, 28.1332</a>

# Details

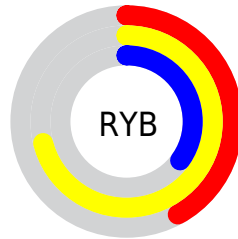
The Hex color **B4A459** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5969B4**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **EDDB8D**, and **7D7128** is the 20% darker color. If you saturate the color by 10%, you get **B4A147**, and if you desaturate by 10%, it is **B4A76B**.

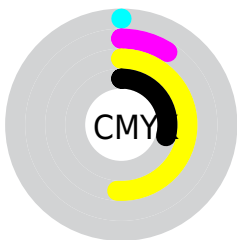
# Distribution



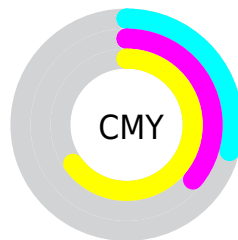
- Red (71%)
- Green (64%)
- Blue (35%)



- Red (42%)
- Yellow (71%)
- Blue (35%)



- Cyan (0%)
- Magenta (9%)
- Yellow (51%)
- Black (29%)



- Cyan (29%)
- Magenta (36%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4A459 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 B4A459 by changing the saturation by 10% instead.



 B4A459

 B4A459

FFFFFF

 988A40

 EDDB8D

 7D7128

 FFF7A8

 63580E

 FFFFC3

 494100

 FFFFDF

 302B00

 FFFFFC

 181700

 000000

 B4A459

 B4A459

 B4A147

 B4A76B

 B49E35

 B4AA7D

 B49B23

 B4AD8F

 B49711

 B4B1A1

 B49400

 B4B4B3

 B4B7C5

 B4BAD7

 B4BDE9

 B4C0FB

# Harmonies

## Analogous

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



D49761



B4A459



8DAE66

# Triad

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



B4A459



00B6CE



D88BC2

# Complementary

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



B4A459



5969B4

# 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.



B197DF



B4A459



23B0E6

# Square

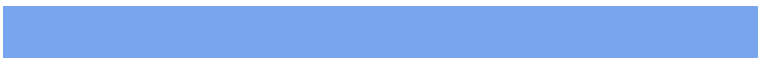
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B4A459



12B7AA



78A5ED



EA869E

# Rectangle

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



B4A459



6FB379



78A5ED



CD8FCD



# Sweetspot

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



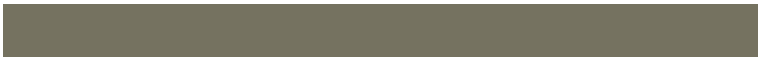
B4A459



EBE4C7



B4596A



757260



F5F5F5



757575



# Same Dimension

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



B4A459



EBD15B



97B459



595850



997E00



1A1500



# Inverse Universe

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



5969B4



5B75EB



7659B4



505259



001B99



00041A



# Previews

## White Background



This preview shows how the Hex color B4A459 looks on a white background.

## Color Contrast Check

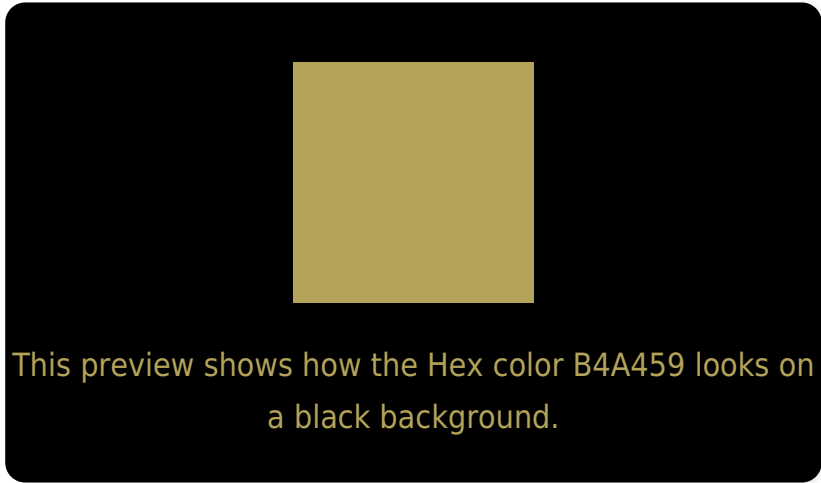
Large Text (above 18pt) WCAG AA × Fail

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

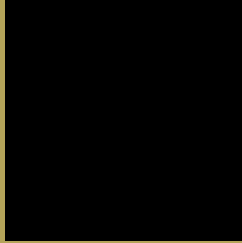
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B4A459 Background



This preview shows how black text looks on a background with the Hex color B4A459.



This preview shows how white text looks on a background with the Hex color B4A459.

# 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



**Original Color**  
B4A459

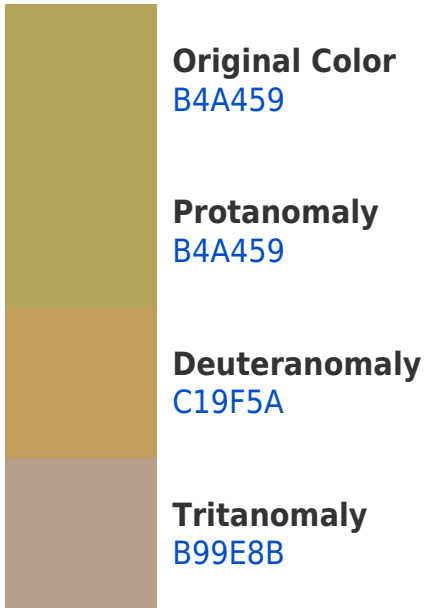
**Protanopia**  
B4A459

**Deuteranopia**  
C89C5B

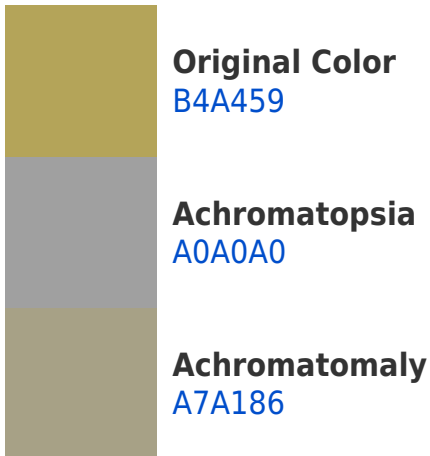


**Tritanopia**  
BC9BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4A459 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 #B4A459 looks like.

```
.text, #text, p{  
    color:#B4A459  
}
```

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 #B4A459 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4A459
}
```

## Border

The CSS property to change the border of an element to Hex B4A459 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
#B4A459 }
```

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

```
.border{ border-color:#B4A459 }
```

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

Here you see how a box with a 4 pixel #B4A459 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4A459; -webkit-box-shadow:4px 4px  
4px 4px #B4A459; box-shadow:4px 4px 4px  
4px #B4A459 }
```

# Background

The CSS property to change the background color of an element to Hex B4A459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4A459 }
```

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

```
.background{ background-color:#B4A459 }
```

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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