

# Converting Colors

Hex(B3995A)

Have a look what the booklet for  
Hex(B3995A) contains.

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**Color**

**Hex(B3995A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3995A
RGB	179, 153, 90
RGB Percent	70%, 60%, 35%
CMY	0.2980, 0.4000, 0.6471
CMYK	0.00, 0.15, 0.50, 0.30
HSL	42°, 37%, 53%
HSV	42°, 50%, 70%
XYZ	31.8271, 33.1044, 14.3852
YIQ	153.5920, 35.7190, -14.0810

# Conversions

## Conversions Part 2

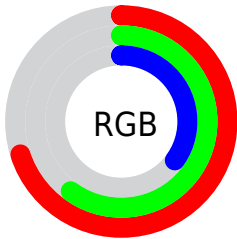
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 179, 90
Decimal	11770202
CIELab	64.25, 1.32, 36.49
CIELCh	64, 36.515, 87.924
Yxy	33.1044, 0.4013, 0.4174
Android (android.graphics.Color)	4289960282 (0xFFB3995A)
YUV	153.5920, -31.3509, 22.2828
Hunter-Lab	57.5364, -1.9488, 25.4519

# Details

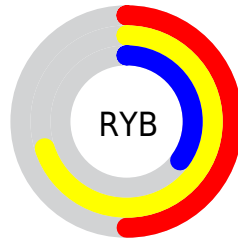
The Hex color **B3995A** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **5A74B3**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **ECCF8D**, and **7C662A** is the 20% darker color. If you saturate the color by 10%, you get **B39448**, and if you desaturate by 10%, it is **B39E6C**.

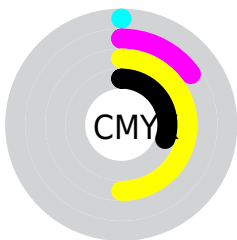
# Distribution



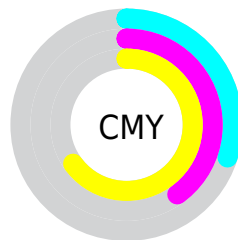
- Red (70%)
- Green (60%)
- Blue (35%)



- Red (50%)
- Yellow (70%)
- Blue (35%)



- Cyan (0%)
- Magenta (15%)
- Yellow (50%)
- Black (30%)



- Cyan (30%)
- Magenta (40%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3995A 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 B3995A by changing the saturation by 10% instead.





B3995A



B3995A

FFFFFF



977F42



ECCF8D



7C662A



FFEBA8



624E12



FFFFC4



483800



FFFFE0



302300

FFFFFFD



170D00



000000



B3995A



B3995A



B39448



B39E6C

 B38F36

 B3A37E

 B38924

 B3A990

 B38412

 B3AEA2

 B37F01

 B3B3B3

 B37F00

 B3B8C5

 B3BED7

 B3C3E9

 B3C8FB

# Harmonies

## Analogous

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



CD8E65



B3995A



92A361

# Triad

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



B3995A



00ACB9



C389BF

# Complementary

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



B3995A



5A74B3

# 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.



9C94D5



B3995A



26A8D2

# Square

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



B3995A



3DAD98



67A0DC



D8829F

# Rectangle

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



B3995A



78A86F



67A0DC



B88CC8

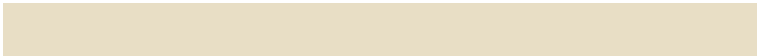


# Sweetspot

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



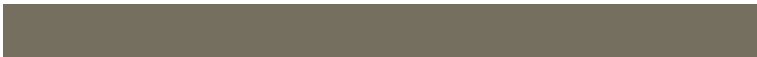
B3995A



E8DEC5



B35A75



756F60



F5F5F5



757575



# Same Dimension

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



B3995A



E8BF5D



A1B35A



595750



996C00



1A1200



# Inverse Universe

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



5A74B3



5D85E8



6C5AB3



505359



002D99



00071A



# Previews

## White Background



This preview shows how the Hex color B3995A looks on a white background.

## Color Contrast Check

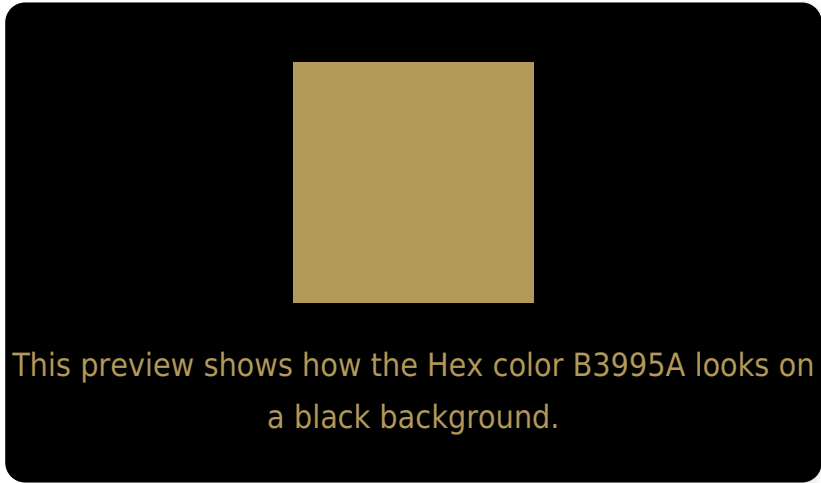
Large Text (above 18pt) WCAG AA × Fail

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

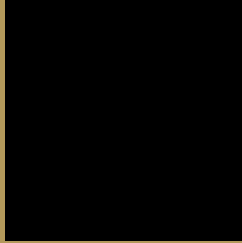
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B3995A Background



This preview shows how black text looks on a background with the Hex color B3995A.



This preview shows how white text looks on a background with the Hex color B3995A.

# 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**  
B3995A

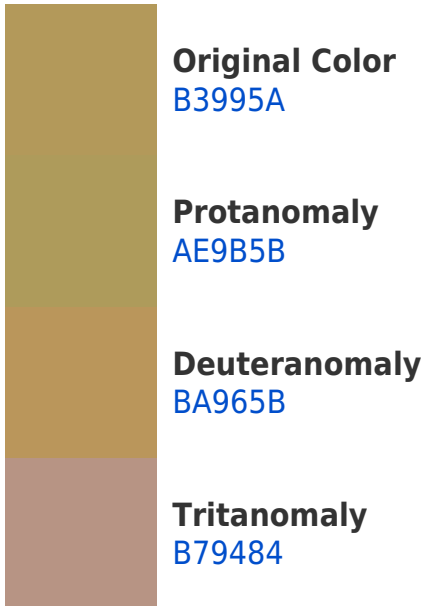
**Protanopia**  
AB9C5B

**Deuteranopia**  
BE955B

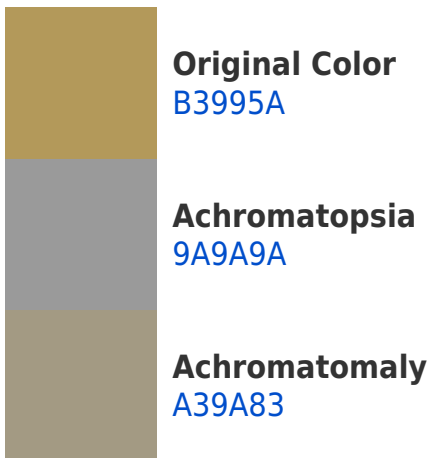


**Tritanopia**  
B9919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3995A 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 #B3995A looks like.

```
.text, #text, p{  
    color:#B3995A  
}
```

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 #B3995A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3995A
}
```

## Border

The CSS property to change the border of an element to Hex B3995A 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
#B3995A }
```

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

```
.border{ border-color:#B3995A }
```

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

Here you see how a box with a 4 pixel #B3995A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3995A; -webkit-box-shadow:4px 4px  
4px 4px #B3995A; box-shadow:4px 4px 4px  
4px #B3995A }
```

# Background

The CSS property to change the background color of an element to Hex B3995A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3995A }
```

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

```
.background{ background-color:#B3995A }
```

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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