

# Converting Colors

Hex(82995A)

Have a look what the booklet for  
Hex(82995A) contains.

<b>Hex(82995A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(82995A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	82995A
RGB	130, 153, 90
RGB Percent	51%, 60%, 35%
CMY	0.4902, 0.4000, 0.6471
CMYK	0.15, 0.00, 0.41, 0.40
HSL	82°, 26%, 48%
HSV	82°, 41%, 60%
XYZ	22.4426, 28.2665, 13.9460
YIQ	138.9410, 6.5150, -24.4690

# Conversions

## Conversions Part 2

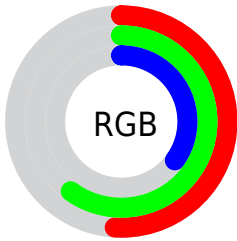
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 153, 113
Decimal	8558938
CIE <sub>Lab</sub>	60.13, -19.10, 30.44
CIE <sub>LCh</sub>	60, 35.938, 122.107
Yxy	28.2665, 0.3471, 0.4372
Android (android.graphics.Color)	4286749018 (0xFF82995A)
YUV	138.9410, -24.1279, -7.8413
Hunter-Lab	53.1662, -17.6922, 21.6641

# Details

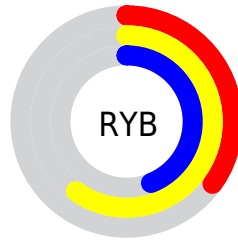
The Hex color **82995A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **715A99**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **B8CF8D**, and **4F662A** is the 20% darker color. If you saturate the color by 10%, you get **7C994B**, and if you desaturate by 10%, it is **889969**.

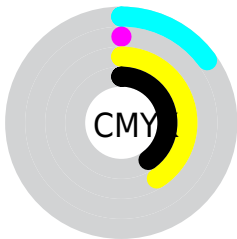
# Distribution



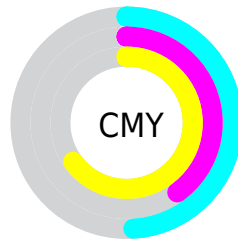
- Red (51%)
- Green (60%)
- Blue (35%)



- Red (35%)
- Yellow (60%)
- Blue (44%)



- Cyan (15%)
- Magenta (0%)
- Yellow (41%)
- Black (40%)



- Cyan (49%)
- Magenta (40%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82995A 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 82995A by changing the saturation by 10% instead.



 82995A

 82995A

FFFFFF

 687F42

 B8CF8D

 4F662A

 D4ECA8

 374E13

 F0FFC3

 213700

 FFFFDF

 062200

 FFFFFC

 000100

 000000

 82995A

 82995A

 7C994B

 889969

77993B

8D9979

71992C

939988

6C991D

989997

66990E

9E99A7

619900

A499B6

A999C5

AF99D4

B499E4

# Harmonies

## Analogous

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



A39051



82995A



5B9F72

# Triad

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



82995A



219CC8



CC7890

# Complementary

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



82995A



715A99

# 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.



BA7DAF



82995A



6593D0

# Square

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



82995A



00A1B2



9788C7



CC7B71

# Rectangle

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



82995A



3CA187



9788C7



C8799B



# Sweetspot

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



82995A



BEC7AF



99705A



5E6356



E3E3E3



636363



# Same Dimension

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



82995A



A3C765



63995A



4A4D45



598C00



080D00



# Inverse Universe

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



715A99



8965C7



905A99



48454D



33008C



05000D



# Previews

## White Background



This preview shows how the Hex color 82995A looks on a white background.

## Color Contrast Check

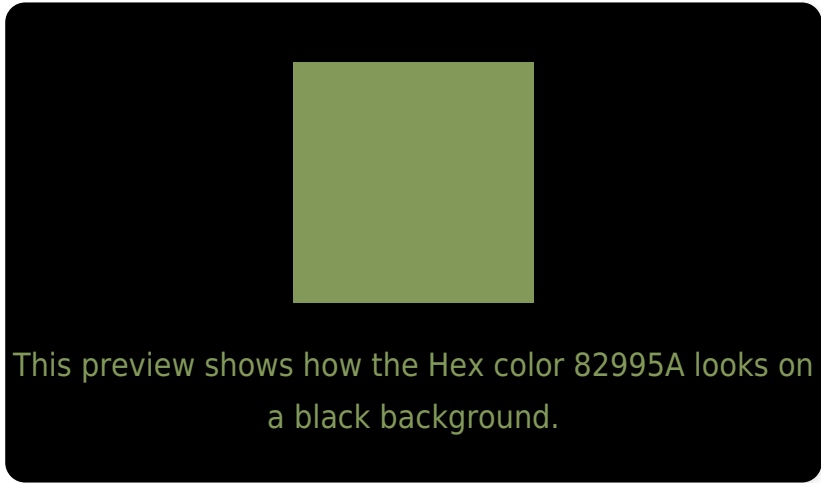
Large Text (above 18pt) WCAG AA ✓ Pass

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

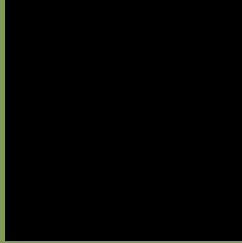
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 82995A Background



This preview shows how black text looks on a background with the Hex color 82995A.



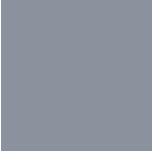
This preview shows how white text looks on a background with the Hex color 82995A.

# 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](#).

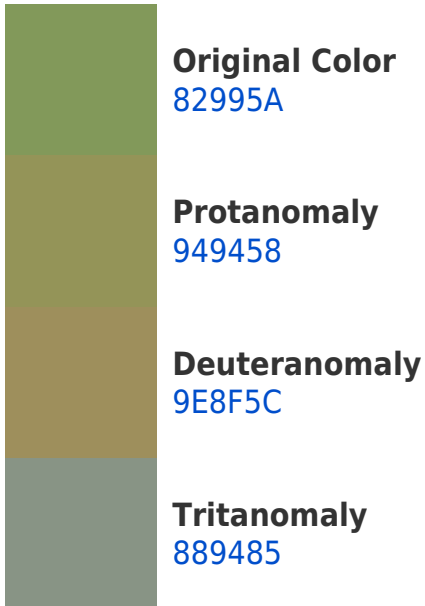
## Dichromacy



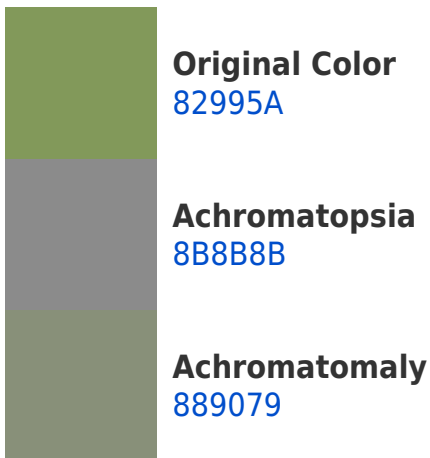


**Tritanopia**  
8B919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82995A 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 #82995A looks like.

```
.text, #text, p{  
    color:#82995A  
}
```

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 #82995A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82995A
}
```

## Border

The CSS property to change the border of an element to Hex 82995A 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
#82995A }
```

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

```
.border{ border-color:#82995A }
```

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

Here you see how a box with a 4 pixel #82995A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82995A; -webkit-box-shadow:4px 4px  
4px 4px #82995A; box-shadow:4px 4px 4px  
4px #82995A }
```

# Background

The CSS property to change the background color of an element to Hex 82995A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82995A }
```

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

```
.background{ background-color:#82995A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor