

# Converting Colors

Hex(8CA763)

Have a look what the booklet for  
Hex(8CA763) contains.

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**Color**

**Hex(8CA763)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8CA763
RGB	140, 167, 99
RGB Percent	55%, 65%, 39%
CMY	0.4510, 0.3451, 0.6118
CMYK	0.16, 0.00, 0.41, 0.35
HSL	84°, 28%, 52%
HSV	84°, 41%, 65%
XYZ	26.8861, 34.1137, 16.9719
YIQ	151.1750, 5.7360, -26.8720

# Conversions

## Conversions Part 2

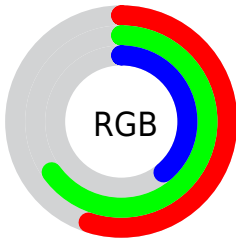
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 167, 126
Decimal	9217891
CIELab	65.05, -21.14, 32.11
CIELCh	65, 38.447, 123.364
Yxy	34.1137, 0.3448, 0.4375
Android (android.graphics.Color)	4287407971 (0xFF8CA763)
YUV	151.1750, -25.7223, -9.8005
Hunter-Lab	58.4070, -20.0445, 23.6563

# Details

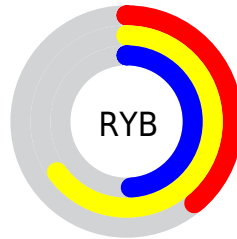
The Hex color **8CA763** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7E63A7**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **C3DE97**, and **587333** is the 20% darker color. If you saturate the color by 10%, you get **85A752**, and if you desaturate by 10%, it is **93A774**.

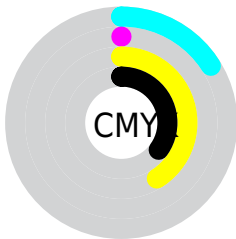
# Distribution



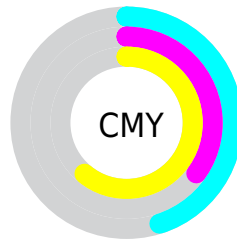
- Red (55%)
- Green (65%)
- Blue (39%)



- Red (39%)
- Yellow (65%)
- Blue (49%)



- Cyan (16%)
- Magenta (0%)
- Yellow (41%)
- Black (35%)



- Cyan (45%)
- Magenta (35%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8CA763 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 8CA763 by changing the saturation by 10% instead.



 8CA763

 8CA763

FFFFFF

 728D4A

 C3DE97

 587333


 DFFBB2

 405A1B

 FCFFCD

 284302

 FFFFEA

 112C00

 001A00

 000000

 8CA763

 8CA763

 85A752

 93A774

 7FA742

 99A784

 78A731

 A0A795

 71A720

 A7A7A6

 6BA710

 ADA7B6

 65A700

 B4A7C7

 BAA7D8

 C1A7E9

 C8A7F9

# Harmonies

## Analogous

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



B09D58



8CA763



62AD7E

# Triad

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



8CA763



27AADB



DF839B

# Complementary

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



8CA763



7E63A7

# 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.



CC88BD



8CA763



70A0E2

# Square

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



8CA763



00AFC3



A793D7



DE877A

# Rectangle

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



8CA763



3FB095



A793D7



DB83A7



# Sweetspot

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



8CA763



CED9BF



A77D63



686E5E



EDEDED



6E6E6E



# Same Dimension

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



8CA763



AFD96F



6BA763



51544C



599400



0C1400



# Inverse Universe

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



7E63A7



996FD9



9F63A7



4F4C54



3B0094



080014



# Previews

## White Background



This preview shows how the Hex color 8CA763 looks on a white background.

## Color Contrast Check

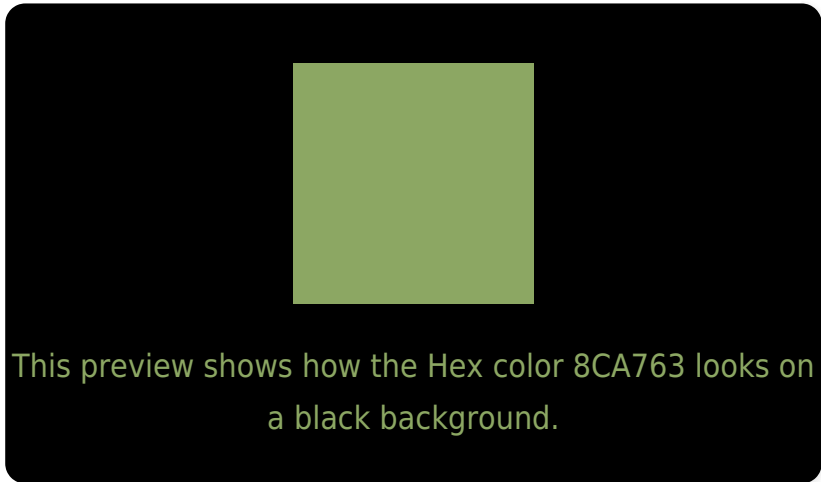
Large Text (above 18pt) WCAG AA × Fail

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

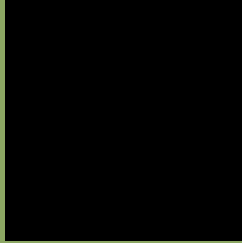
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8CA763 Background



This preview shows how black text looks on a background with the Hex color 8CA763.

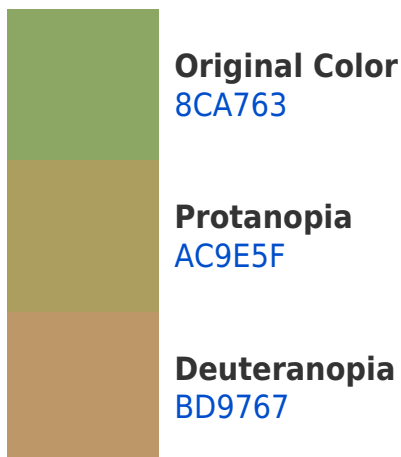


This preview shows how white text looks on a background with the Hex color 8CA763.

# 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](#).

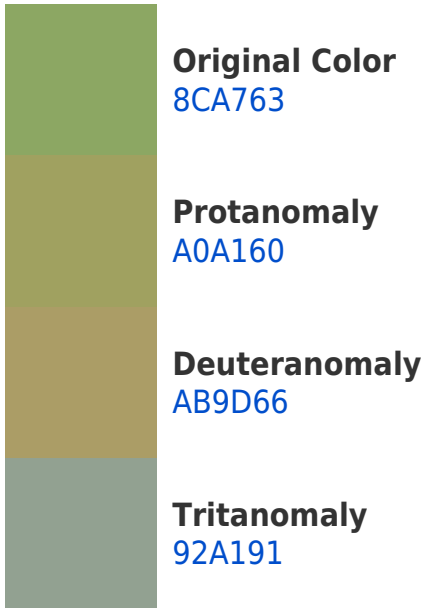
## Dichromacy



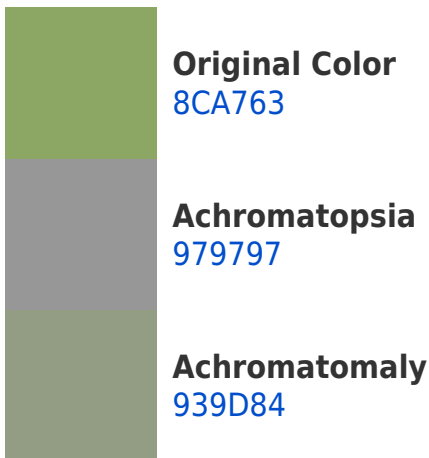


**Tritanopia**  
969EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8CA763 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 #8CA763 looks like.

```
.text, #text, p{  
    color:#8CA763  
}
```

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 #8CA763 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CA763
}
```

## Border

The CSS property to change the border of an element to Hex 8CA763 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
#8CA763 }
```

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

```
.border{ border-color:#8CA763 }
```

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

Here you see how a box with a 4 pixel #8CA763 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CA763; -webkit-box-shadow:4px 4px  
4px 4px #8CA763; box-shadow:4px 4px 4px  
4px #8CA763 }
```

# Background

The CSS property to change the background color of an element to Hex 8CA763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CA763 }
```

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

```
.background{ background-color:#8CA763 }
```

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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