

# Converting Colors

Hex(8CA664)

Have a look what the booklet for  
Hex(8CA664) contains.

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# **Color**

**Hex(8CA664)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8CA664
RGB	140, 166, 100
RGB Percent	55%, 65%, 39%
CMY	0.4510, 0.3490, 0.6078
CMYK	0.16, 0.00, 0.40, 0.35
HSL	84°, 27%, 52%
HSV	84°, 40%, 65%
XYZ	26.7517, 33.7680, 17.1645
YIQ	150.7020, 5.6900, -26.0380

# Conversions

## Conversions Part 2

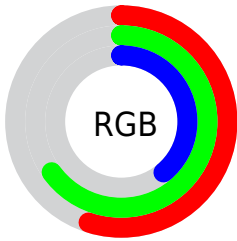
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">100, 166, 126</a>
Decimal	<a href="#">9217636</a>
CIELab	<a href="#">64.78, -20.51, 31.23</a>
CIELCh	<a href="#">65, 37.363, 123.290</a>
Yxy	<a href="#">33.7680, 0.3444, 0.4347</a>
Android (android.graphics.Color)	<a href="#">4287407716 (0xFF8CA664)</a>
YUV	<a href="#">150.7020, -24.9961, -9.3857</a>
Hunter-Lab	<a href="#">58.1102, -19.5185, 23.1642</a>

# Details

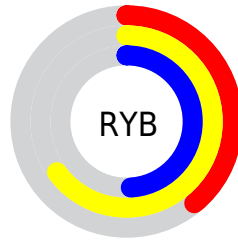
The Hex color **8CA664** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7E64A6**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **C2DD98**, and **597234** is the 20% darker color. If you saturate the color by 10%, you get **85A653**, and if you desaturate by 10%, it is **93A675**.

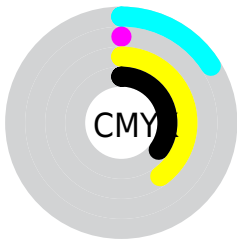
# Distribution



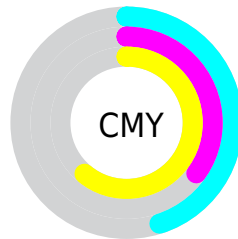
- Red (55%)
- Green (65%)
- Blue (39%)



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



- Cyan (16%)
- Magenta (0%)
- Yellow (40%)
- Black (35%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 8CA664 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 8CA664 by changing the saturation by 10% instead.





8CA664



8CA664

FFFFFF



728C4B



C2DD98



597234



DFFAB3



40591C



FCFFCE



284204



FFFFEB



122B00



001900



000000



8CA664



8CA664



85A653



93A675

 7FA643

 99A685

 78A632

 A0A696

 72A622

 A6A6A6

 6BA611

 ADA6B7

 65A600

 B3A6C8

 BAA6D8

 C0A6E9

 C7A6F9

# Harmonies

## Analogous

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



AF9C5A



8CA664



63AC7E

# Triad

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



8CA664



2FA9D8



DC839B

# Complementary

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



8CA664



7E64A6

# 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.



CA88BC



8CA664



729FDF

# Square

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



8CA664



00AEC1



A693D5



DC877A

# Rectangle

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



8CA664



43AE94



A693D5



D883A6



# Sweetspot

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



8CA664



CFD9BF



A67D64



686E5E



EDEDED



6E6E6E



# Same Dimension

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



8CA664



B0D971



6CA664



51544C



5A9400



0C1400



# Inverse Universe

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



7E64A6



9A71D9



9E64A6



4F4C54



3A0094



080014



# Previews

## White Background



This preview shows how the Hex color 8CA664 looks on a white background.

## Color Contrast Check

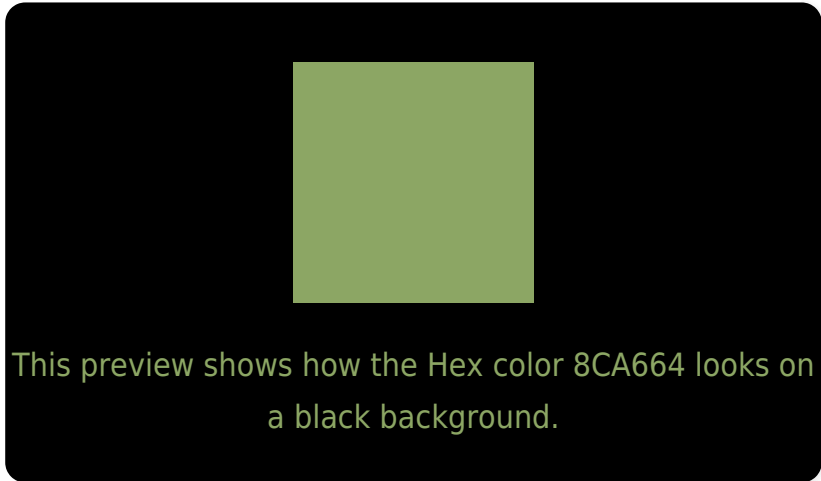
Large Text (above 18pt) WCAG AA × Fail

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

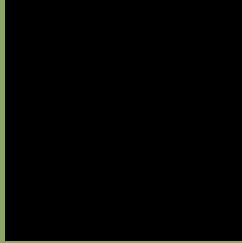
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8CA664 Background



This preview shows how black text looks on a background with the Hex color 8CA664.



This preview shows how white text looks on a background with the Hex color 8CA664.

# 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



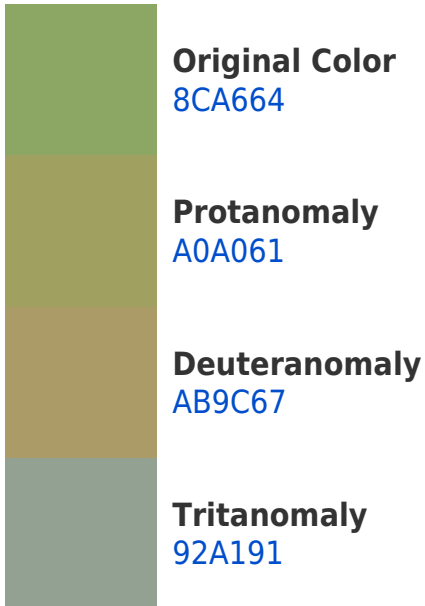
**Original Color**  
8CA664

**Protanopia**  
AB9D60

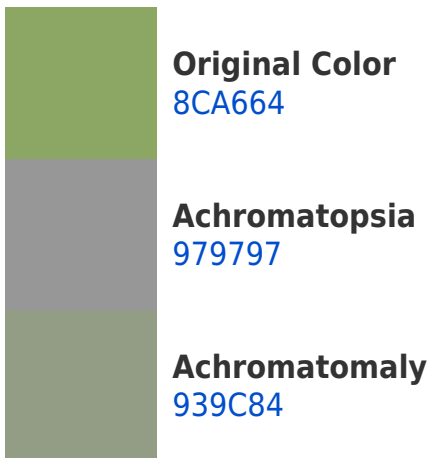
**Deuteranopia**  
BC9668



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8CA664 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 #8CA664 looks like.

```
.text, #text, p{  
    color:#8CA664  
}
```

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 #8CA664 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CA664
}
```

## Border

The CSS property to change the border of an element to Hex 8CA664 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
#8CA664 }
```

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

```
.border{ border-color:#8CA664 }
```

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

Here you see how a box with a 4 pixel #8CA664 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CA664; -webkit-box-shadow:4px 4px  
4px 4px #8CA664; box-shadow:4px 4px 4px  
4px #8CA664 }
```

# Background

The CSS property to change the background color of an element to Hex 8CA664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CA664 }
```

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

```
.background{ background-color:#8CA664 }
```

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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