

# Converting Colors

Hex(8AA65B)

Have a look what the booklet for  
Hex(8AA65B) contains.

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**Color**

**Hex(8AA65B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AA65B
RGB	138, 166, 91
RGB Percent	54%, 65%, 36%
CMY	0.4588, 0.3490, 0.6431
CMYK	0.17, 0.00, 0.45, 0.35
HSL	82°, 30%, 50%
HSV	82°, 45%, 65%
XYZ	26.0058, 33.4310, 14.9797
YIQ	149.0780, 7.3870, -29.2610

# Conversions

## Conversions Part 2

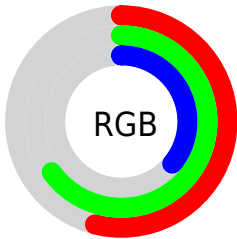
Format	Color
<a href="#">RYB</a>	<a href="#">91, 166, 119</a>
Decimal	<a href="#">9086555</a>
CIELab	<a href="#">64.51, -22.42, 35.56</a>
CIELCh	<a href="#">65, 42.038, 122.230</a>
Yxy	<a href="#">33.4310, 0.3495, 0.4492</a>
Android (android.graphics.Color)	<a href="#">4287276635 (0xFF8AA65B)</a>
YUV	<a href="#">149.0780, -28.6325, -9.7154</a>
Hunter-Lab	<a href="#">57.8196, -20.8995, 25.1130</a>

# Details

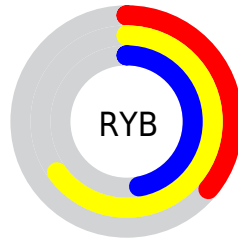
The Hex color **8AA65B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **775BA6**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **C1DD8E**, and **56722A** is the 20% darker color. If you saturate the color by 10%, you get **84A64A**, and if you desaturate by 10%, it is **90A66C**.

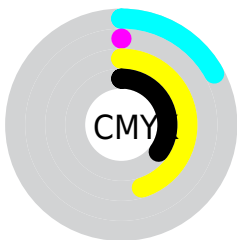
# Distribution



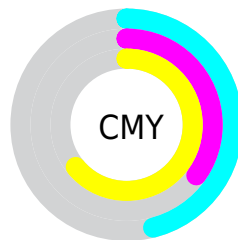
- Red (54%)
- Green (65%)
- Blue (36%)



- Red (36%)
- Yellow (65%)
- Blue (47%)



- Cyan (17%)
- Magenta (0%)
- Yellow (45%)
- Black (35%)



- Cyan (46%)
- Magenta (35%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AA65B 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 8AA65B by changing the saturation by 10% instead.





8AA65B



8AA65B

FFFFFF



708C42



C1DD8E



56722A



DDFAA9



3D5912



FAFFC5



264200



FFFFE1



0D2B00

FFFFFFE



001800



000000



8AA65B



8AA65B



84A64A



90A66C

 7EA63A

 96A67C

 77A629

 9DA68D

 71A619

 A3A69D

 6BA608

 A9A6AE

 68A600

 AFA6BF

 B5A6CF

 BCA6E0

 C2A6F0

# Harmonies

## Analogous

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



B19B50



8AA65B



5BAD78

# Triad

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



8AA65B



00A9DE



E27E9B

# Complementary

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



8AA65B



775BA6

# 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.



CE84C0



8AA65B



659FE7

# Square

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



8AA65B



00AFC3



A492DC



E28276

# Rectangle

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



8AA65B



2EAF91



A492DC



DE7FA8



# Sweetspot

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



8AA65B



CDD9BA



A6765B



676E5B



EDEDED



6E6E6E



# Same Dimension

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



8AA65B



ADD964



65A65B



51544C



5D9400



0D1400



# Inverse Universe

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



775BA6



8F64D9



9C5BA6



4F4C54



370094



080014



# Previews

## White Background



This preview shows how the Hex color 8AA65B looks on a white background.

## Color Contrast Check

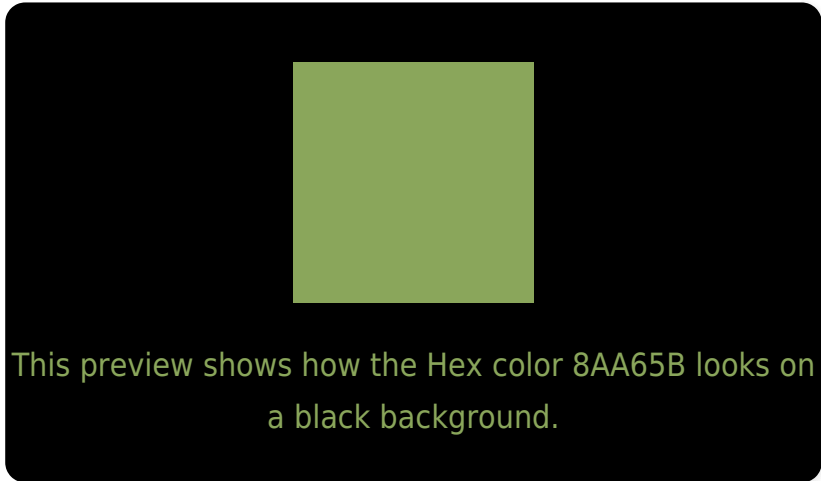
Large Text (above 18pt) WCAG AA × Fail

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

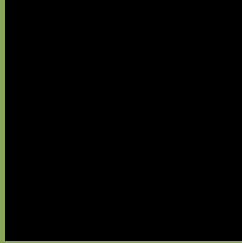
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8AA65B Background



This preview shows how black text looks on a background with the Hex color 8AA65B.

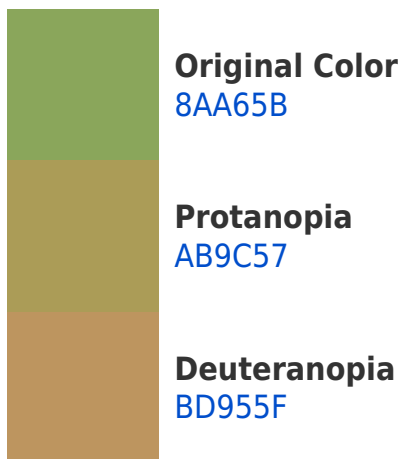


This preview shows how white text looks on a background with the Hex color 8AA65B.

# 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](#).

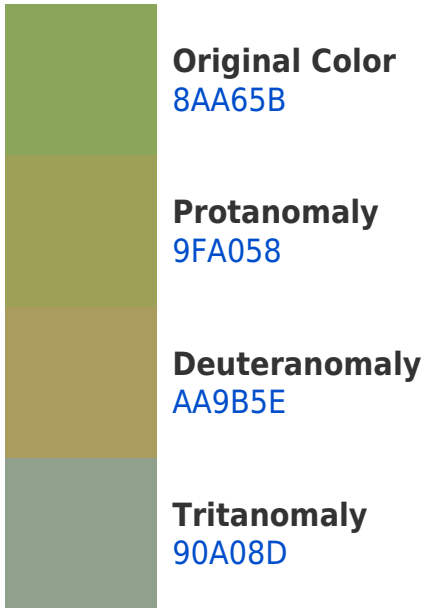
## Dichromacy



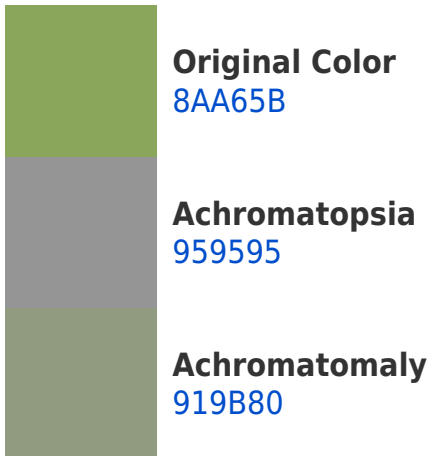


**Tritanopia**  
949DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AA65B 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 #8AA65B looks like.

```
.text, #text, p{  
    color:#8AA65B  
}
```

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 #8AA65B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AA65B
}
```

## Border

The CSS property to change the border of an element to Hex 8AA65B 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
#8AA65B }
```

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

```
.border{ border-color:#8AA65B }
```

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

Here you see how a box with a 4 pixel #8AA65B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AA65B; -webkit-box-shadow:4px 4px  
4px 4px #8AA65B; box-shadow:4px 4px 4px  
4px #8AA65B }
```

# Background

The CSS property to change the background color of an element to Hex 8AA65B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AA65B }
```

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

```
.background{ background-color:#8AA65B }
```

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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