

# Converting Colors

Hex(8BB565)

Have a look what the booklet for  
Hex(8BB565) contains.

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**Color**

**Hex(8BB565)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8BB565
RGB	139, 181, 101
RGB Percent	55%, 71%, 40%
CMY	0.4549, 0.2902, 0.6039
CMYK	0.23, 0.00, 0.44, 0.29
HSL	92°, 35%, 55%
HSV	92°, 44%, 71%
XYZ	29.5203, 39.4763, 18.3757
YIQ	159.3220, 0.6480, -33.7840

# Conversions

## Conversions Part 2

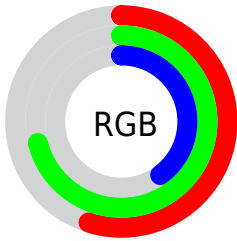
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 181, 143</a>
Decimal	<a href="#">9155941</a>
CIELab	<a href="#">69.09, -28.18, 36.19</a>
CIElCh	<a href="#">69, 45.868, 127.906</a>
Yxy	<a href="#">39.4763, 0.3379, 0.4518</a>
Android (android.graphics.Color)	<a href="#">4287346021 (0xFF8BB565)</a>
YUV	<a href="#">159.3220, -28.7527, -17.8224</a>
Hunter-Lab	<a href="#">62.8302, -26.0859, 26.6408</a>

# Details

The Hex color **8BB565** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **8F65B5**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **C2ED99**, and **578034** is the 20% darker color. If you saturate the color by 10%, you get **81B553**, and if you desaturate by 10%, it is **95B577**.

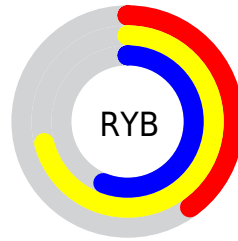
# Distribution



Red (55%)

Green (71%)

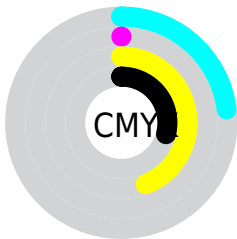
Blue (40%)



Red (40%)

Yellow (71%)

Blue (56%)

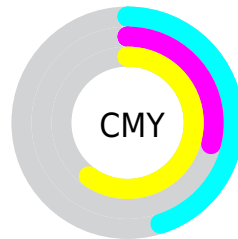


Cyan (23%)

Magenta (0%)

Yellow (44%)

Black (29%)



Cyan (45%)

Magenta (29%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BB565 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 8BB565 by changing the saturation by 10% instead.





8BB565



8BB565

FFFFFF



719A4C



C2ED99



578034



DEFFB4



3E671B



FBFFD0



244E01



FFFFED



0B3700



002200



000000



8BB565



8BB565



81B553



95B577

 78B541

 9EB589

 6EB52F

 A8B59B

 65B51D

 B1B5AD

 5BB50B

 BBB5C0

 56B500

 C4B5D2

 CEB5E4

 D7B5F6

 E1B5FF

# Harmonies

## Analogous

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



B8AA54



8BB565



53BC88

# Triad

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



8BB565



00B5F5



F7869F

# Complementary

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



8BB565



8F65B5

# 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.



E58CC9



8BB565



79A9FB

# Square

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



8BB565



00BCDA



BB9AEA



F38D78

# Rectangle

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



8BB565



03BEA4



BB9AEA



F487AD



# Sweetspot

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



8BB565



DBEBCC



B58E65



6B7563



F5F5F5



757575



# Same Dimension

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



8BB565



A9EB6E



65B566



555950



499900



0C1A00



# Inverse Universe

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



8F65B5



B06EEB



B565B4



555059



500099



0D001A



# Previews

## White Background



This preview shows how the Hex color 8BB565 looks on a white background.

## Color Contrast Check

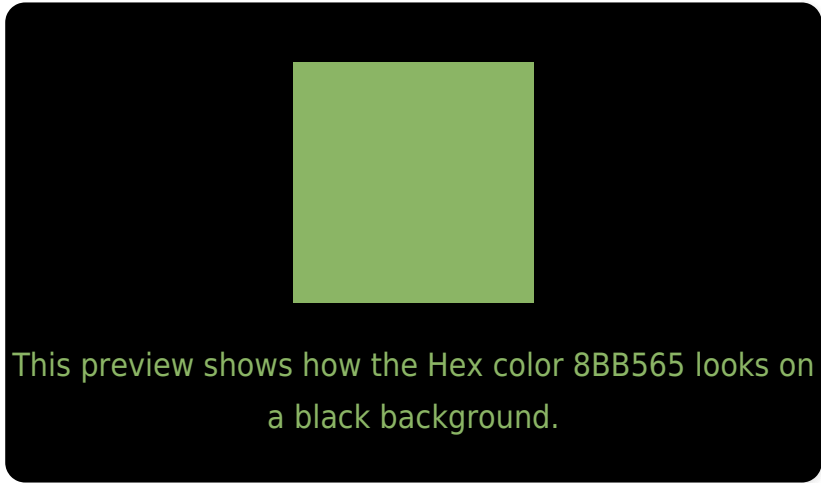
Large Text (above 18pt) WCAG AA × Fail

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 8BB565 Background



This preview shows how black text looks on a background with the Hex color 8BB565.

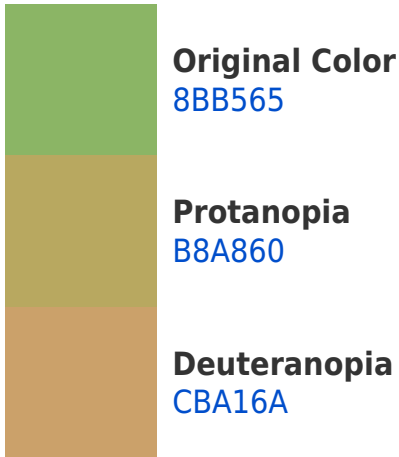


This preview shows how white text looks on a background with the Hex color 8BB565.

# 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](#).

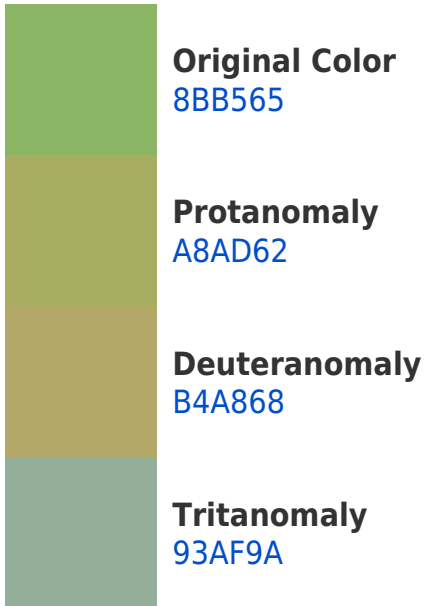
## Dichromacy



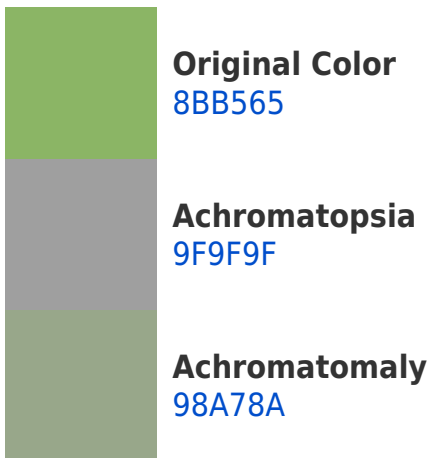


**Tritanopia**  
97ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BB565 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 #8BB565 looks like.

```
.text, #text, p{  
    color:#8BB565  
}
```

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 #8BB565 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BB565
}
```

## Border

The CSS property to change the border of an element to Hex 8BB565 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
#8BB565 }
```

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

```
.border{ border-color:#8BB565 }
```

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

Here you see how a box with a 4 pixel #8BB565 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BB565; -webkit-box-shadow:4px 4px  
4px 4px #8BB565; box-shadow:4px 4px 4px  
4px #8BB565 }
```

# Background

The CSS property to change the background color of an element to Hex 8BB565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BB565 }
```

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

```
.background{ background-color:#8BB565 }
```

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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