

# Converting Colors

Hex(8AB460)

Have a look what the booklet for  
Hex(8AB460) contains.

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**Color**

**Hex(8AB460)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8AB460
RGB	138, 180, 96
RGB Percent	54%, 71%, 38%
CMY	0.4588, 0.2941, 0.6235
CMYK	0.23, 0.00, 0.47, 0.29
HSL	90°, 36%, 54%
HSV	90°, 47%, 71%
XYZ	28.9138, 38.8903, 17.0490
YIQ	157.8660, 1.9320, -35.0280

# Conversions

## Conversions Part 2

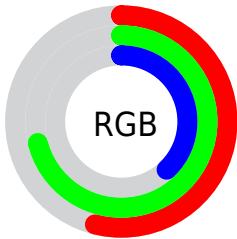
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 180, 138
Decimal	9090144
CIELab	68.67, -28.69, 38.19
CIELCh	69, 47.765, 126.918
Yxy	38.8903, 0.3408, 0.4583
Android (android.graphics.Color)	4287280224 (0xFF8AB460)
YUV	157.8660, -30.4999, -17.4225
Hunter-Lab	62.3621, -26.3732, 27.4443

# Details

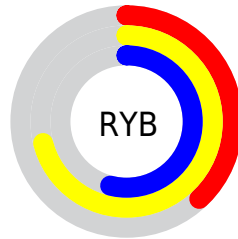
The Hex color **8AB460** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **8A60B4**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **C1EC94**, and **567F2F** is the 20% darker color. If you saturate the color by 10%, you get **81B44E**, and if you desaturate by 10%, it is **93B472**.

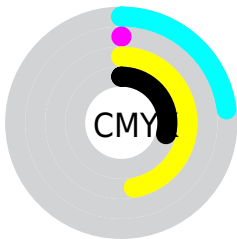
# Distribution



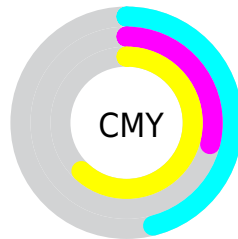
- Red (54%)
- Green (71%)
- Blue (38%)



- Red (38%)
- Yellow (71%)
- Blue (54%)



- Cyan (23%)
- Magenta (0%)
- Yellow (47%)
- Black (29%)



- Cyan (46%)
- Magenta (29%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AB460 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 8AB460 by changing the saturation by 10% instead.





8AB460



8AB460

FFFFFF



6F9947



C1EC94



567F2F



DFFFAF



3C6616



FAFFCB



234D00



FFFFE7



083600



002200



000000



8AB460



8AB460



81B44E



93B472

 78B43C

 9CB484

 6FB42A

 A5B496

 66B418

 AEB4A8

 5DB406

 B7B4BA

 5AB400

 C0B4CC

 C9B4DE

 D2B4F0

 DBB4FF

# Harmonies

## Analogous

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



B8A84F



8AB460



4FBB84

# Triad

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



8AB460



00B5F6



F9839F

# Complementary

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



8AB460



8A60B4

# 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.



E589CA



8AB460



71A9FD

# Square

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



8AB460



00BCDA



B898ED



F48A76

# Rectangle

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



8AB460



00BDA1



B898ED



F584AE

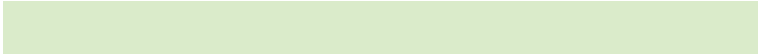


# Sweetspot

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



8AB460



DAEBCA



B48A60



6B7561



F5F5F5



757575



# Same Dimension

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



8AB460



A9EB67



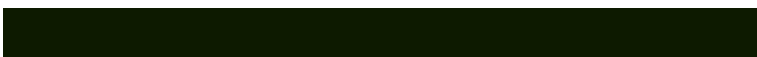
60B460



555950



4C9900



0D1A00



# Inverse Universe

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



8A60B4



A967EB



B460B4



555059



4D0099



0D001A



# Previews

## White Background



This preview shows how the Hex color 8AB460 looks on a white background.

## Color Contrast Check

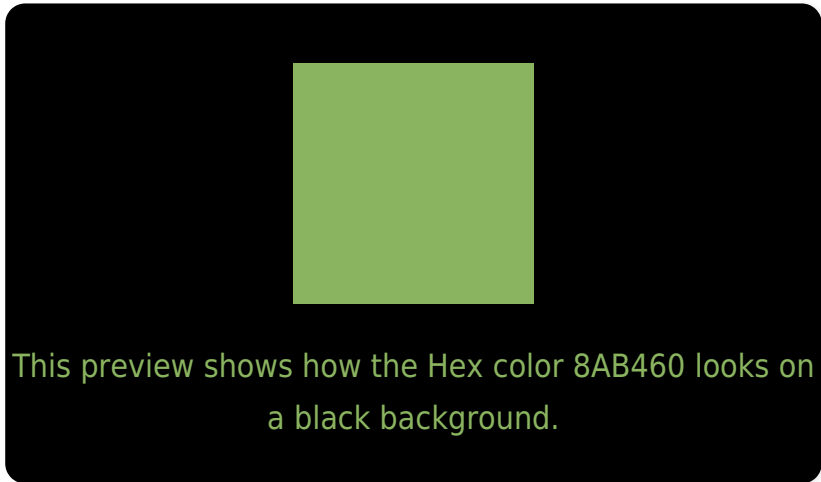
Large Text (above 18pt) WCAG AA × Fail

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 8AB460 Background



This preview shows how black text looks on a background with the Hex color 8AB460.

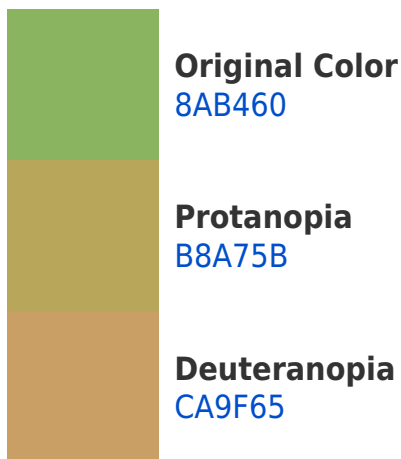


This preview shows how white text looks on a background with the Hex color 8AB460.

# 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**  
97AAB8

# Trichromacy



**Original Color**  
8AB460

**Protanomaly**  
A7AC5D

**Deuteranomaly**  
B3A763

**Tritanomaly**  
92AE98

# Monochromacy



**Original Color**  
8AB460

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
97A687

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AB460 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 #8AB460 looks like.

```
.text, #text, p{  
    color:#8AB460  
}
```

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 #8AB460 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AB460
}
```

## Border

The CSS property to change the border of an element to Hex 8AB460 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
#8AB460 }
```

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

```
.border{ border-color:#8AB460 }
```

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

Here you see how a box with a 4 pixel #8AB460 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AB460; -webkit-box-shadow:4px 4px  
4px 4px #8AB460; box-shadow:4px 4px 4px  
4px #8AB460 }
```

# Background

The CSS property to change the background color of an element to Hex 8AB460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AB460 }
```

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

```
.background{ background-color:#8AB460 }
```

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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