

# Converting Colors

Hex(68855B)

Have a look what the booklet for  
Hex(68855B) contains.

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# Color

Hex(68855B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	68855B
RGB	104, 133, 91
RGB Percent	41%, 52%, 36%
CMY	0.5922, 0.4784, 0.6431
CMYK	0.22, 0.00, 0.32, 0.48
HSL	101°, 19%, 44%
HSV	101°, 32%, 52%
XYZ	15.9848, 20.4734, 13.0068
YIQ	119.5410, -3.8020, -19.2100

# Conversions

## Conversions Part 2

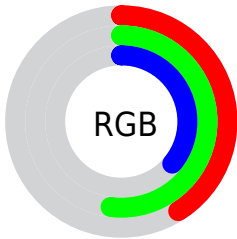
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 133, 120
Decimal	6849883
CIE <sub>Lab</sub>	52.37, -18.70, 19.38
CIE <sub>LCh</sub>	52, 26.930, 133.984
Yxy	20.4734, 0.3232, 0.4139
Android (android.graphics.Color)	4285039963 (0xFF68855B)
YUV	119.5410, -14.0707, -13.6295
Hunter-Lab	45.2476, -16.1240, 14.6299

# Details

The Hex color **68855B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **785B85**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **9CBA8D**, and **38532D** is the 20% darker color. If you saturate the color by 10%, you get **5F854E**, and if you desaturate by 10%, it is **718568**.

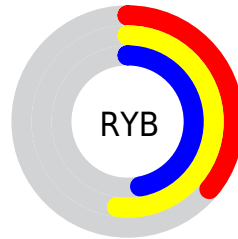
# Distribution



Red (41%)

Green (52%)

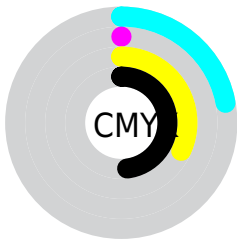
Blue (36%)



Red (36%)

Yellow (52%)

Blue (47%)

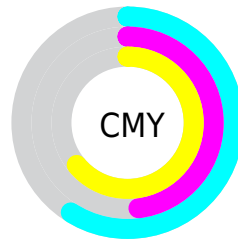


Cyan (22%)

Magenta (0%)

Yellow (32%)

Black (48%)



Cyan (59%)

Magenta (48%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68855B 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 68855B by changing the saturation by 10% instead.





68855B



68855B

FFFFFF



4F6C43



9CBA8D



38532D



B7D6A8



213C17



D3F2C3



0E2600



EFFFDf



000F00



FFFFFC



000000



68855B



68855B



5F854E



718568



568540



7A8576

 4C8533


 848583

 438526

 8D8590

 3A8519

 96859E

 31850B

 9F85AB

 298500

 A885B8

 B185C5

 BB85D3

# Harmonies

## Analogous

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



827F50



68855B



4C896F

# Triad

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



68855B



4A83A9



AB6C73

# Complementary

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



68855B



785B85

# 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.



A26D8A



68855B



6E7BAA

# Square

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



68855B



2D889C



8D739E



A6705E

# Rectangle

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



68855B



3A8A7F



8D739E



A96B7B



# Sweetspot

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



68855B



A3AD9E



85785B



50574D



D6D6D6



575757



# Same Dimension

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



68855B



80AD6C



5B8563



3E423C



288200



010300



# Inverse Universe

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



785B85



996CAD



855B7D



403C42



5A0082



020003



# Previews

## White Background



This preview shows how the Hex color 68855B looks on a white background.

## Color Contrast Check

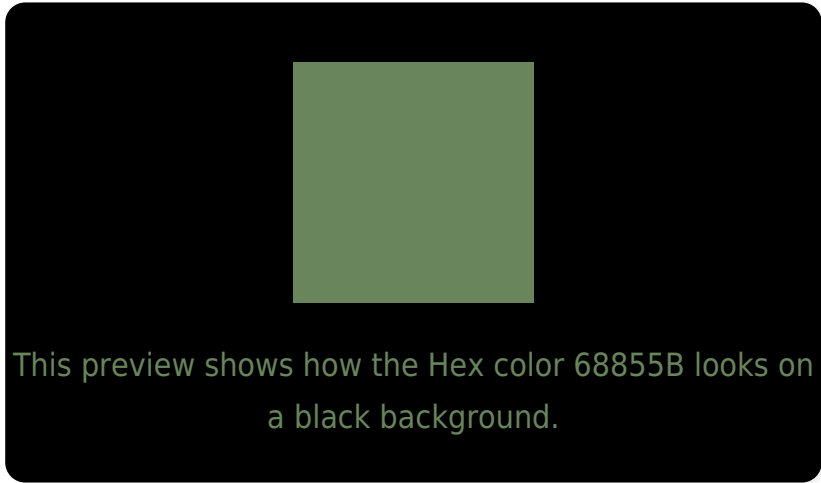
Large Text (above 18pt) WCAG AA ✓ Pass

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

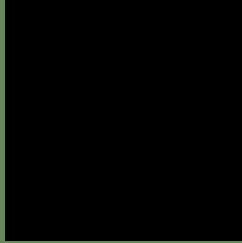
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 68855B Background



This preview shows how black text looks on a background with the Hex color 68855B.



This preview shows how white text looks on a background with the Hex color 68855B.

# 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**  
68855B

**Protanopia**  
867D57

**Deuteranopia**  
93775E



**Tritanopia**  
6F7F89

# Trichromacy



**Original Color**  
68855B

**Protanomaly**  
7B8058

**Deuteranomaly**  
837C5D

**Tritanomaly**  
6C8178

# Monochromacy



**Original Color**  
68855B

**Achromatopsia**  
787878

**Achromatomaly**  
727D6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68855B 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 #68855B looks like.

```
.text, #text, p{  
    color:#68855B  
}
```

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 #68855B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68855B
}
```

## Border

The CSS property to change the border of an element to Hex 68855B 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
#68855B }
```

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

```
.border{ border-color:#68855B }
```

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

Here you see how a box with a 4 pixel #68855B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68855B; -webkit-box-shadow:4px 4px  
4px 4px #68855B; box-shadow:4px 4px 4px  
4px #68855B }
```

# Background

The CSS property to change the background color of an element to Hex 68855B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68855B }
```

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

```
.background{ background-color:#68855B }
```

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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