

# Converting Colors

Hex(80965E)

Have a look what the booklet for  
Hex(80965E) contains.

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**Color**

**Hex(80965E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	80965E
RGB	128, 150, 94
RGB Percent	50%, 59%, 37%
CMY	0.4980, 0.4118, 0.6314
CMYK	0.15, 0.00, 0.37, 0.41
HSL	84°, 23%, 48%
HSV	84°, 37%, 59%
XYZ	21.8288, 27.2100, 14.6912
YIQ	137.0380, 4.8640, -22.0800

# Conversions

## Conversions Part 2

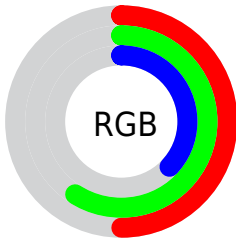
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 150, 116
Decimal	8427102
CIELab	59.17, -17.80, 27.02
CIElCh	59, 32.359, 123.382
Yxy	27.2100, 0.3425, 0.4270
Android (android.graphics.Color)	4286617182 (0xFF80965E)
YUV	137.0380, -21.2177, -7.9263
Hunter-Lab	52.1632, -16.5886, 19.8159

# Details

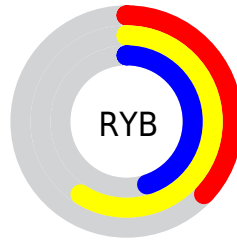
The Hex color **80965E** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **745E96**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **B6CC91**, and **4E632F** is the 20% darker color. If you saturate the color by 10%, you get **7A964F**, and if you desaturate by 10%, it is **86966D**.

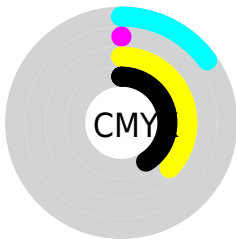
# Distribution



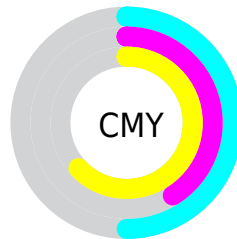
- Red (50%)
- Green (59%)
- Blue (37%)



- Red (37%)
- Yellow (59%)
- Blue (45%)



- Cyan (15%)
- Magenta (0%)
- Yellow (37%)
- Black (41%)



- Cyan (50%)
- Magenta (41%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80965E 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 80965E by changing the saturation by 10% instead.





80965E



80965E

FFFFFF



667C46



B6CC91



4E632F



D1E8AC



364B18



EEFFC7



1F3400



FFFFE3



051F00



000000



80965E



80965E



7A964F



86966D



749640



8C967C

■ 6E9631

■ 92968B

■ 689622

■ 98969A

■ 639613

■ 9D96A9

■ 5D9604

■ A396B8

■ 5B9600

■ A996C7

■ AF96D6

■ B596E5

# Harmonies

## Analogous

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



9E8E55



80965E



5E9B74

# Triad

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



80965E



3A98C1



C4788C

# Complementary

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



80965E



745E96

# 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.



B57DA8



80965E



6B90C7

# Square

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



80965E



199DAD



9686BE



C47B71

# Rectangle

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



80965E



459D87



9686BE



C17996



# Sweetspot

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



80965E



B9C2AC



96735E



5C6154



E0E0E0



616161



# Same Dimension

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



80965E



A0C26B



65965E



474A43



548A00



060A00



# Inverse Universe

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



745E96



8D6BC2



8F5E96



45434A



36008A



04000A



# Previews

## White Background



This preview shows how the Hex color 80965E looks on a white background.

## Color Contrast Check

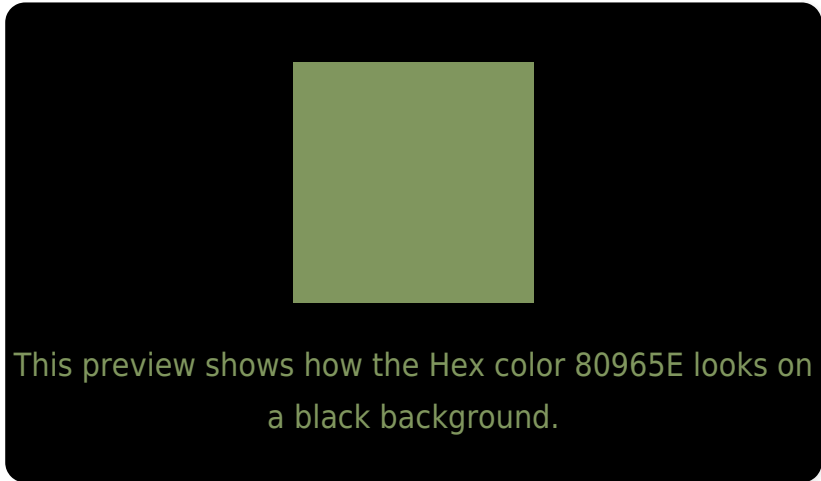
Large Text (above 18pt) WCAG AA ✓ Pass

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

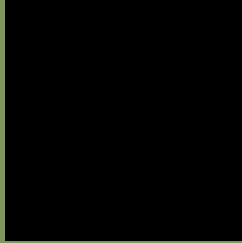
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 80965E Background



This preview shows how black text looks on a background with the Hex color 80965E.

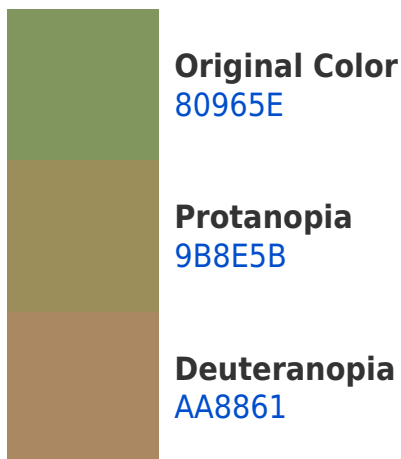


This preview shows how white text looks on a background with the Hex color 80965E.

# 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**  
888F9A

# Trichromacy



**Original Color**  
80965E

**Protanomaly**  
91915C

**Deuteranomaly**  
9B8D60

**Tritanomaly**  
859284

# Monochromacy



**Original Color**  
80965E

**Achromatopsia**  
898989

**Achromatomaly**  
868E79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80965E 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 #80965E looks like.

```
.text, #text, p{  
    color:#80965E  
}
```

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 #80965E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80965E
}
```

## Border

The CSS property to change the border of an element to Hex 80965E 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
#80965E }
```

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

```
.border{ border-color:#80965E }
```

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

Here you see how a box with a 4 pixel #80965E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80965E; -webkit-box-shadow:4px 4px  
4px 4px #80965E; box-shadow:4px 4px 4px  
4px #80965E }
```

# Background

The CSS property to change the background color of an element to Hex 80965E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80965E }
```

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

```
.background{ background-color:#80965E }
```

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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