

# Converting Colors

Hex(3D8F65)

Have a look what the booklet for  
Hex(3D8F65) contains.

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# Color

Hex(3D8F65)

# Conversions

## Conversions Part 1

Format	Color
Hex	3D8F65
RGB	61, 143, 101
RGB Percent	24%, 56%, 40%
CMY	0.7608, 0.4392, 0.6039
CMYK	0.57, 0.00, 0.29, 0.44
HSL	149°, 40%, 40%
HSV	149°, 57%, 56%
XYZ	14.0959, 21.5766, 15.7337
YIQ	113.6940, -35.3900, -30.4460

# Conversions

## Conversions Part 2

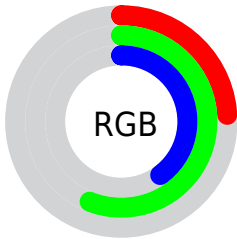
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 116, 143
Decimal	4034405
CIELab	53.57, -35.23, 15.01
CIELCh	54, 38.294, 156.930
Yxy	21.5766, 0.2742, 0.4197
Android (android.graphics.Color)	4282224485 (0xFF3D8F65)
YUV	113.6940, -6.2581, -46.2126
Hunter-Lab	46.4506, -27.1210, 12.4328

# Details

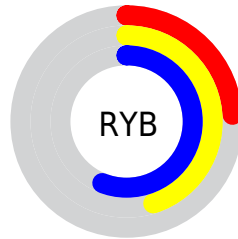
The Hex color **3D8F65** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8F3D67**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **73C598**, and **005C36** is the 20% darker color. If you saturate the color by 10%, you get **2F8F5E**, and if you desaturate by 10%, it is **4B8F6C**.

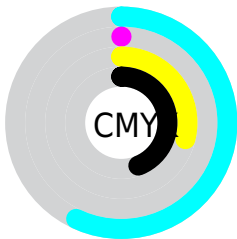
# Distribution



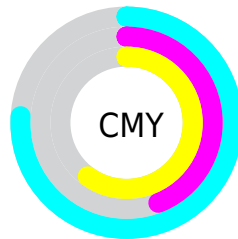
- Red (24%)
- Green (56%)
- Blue (40%)



- Red (24%)
- Yellow (45%)
- Blue (56%)



- Cyan (57%)
- Magenta (0%)
- Yellow (29%)
- Black (44%)



- Cyan (76%)
- Magenta (44%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D8F65 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 3D8F65 by changing the saturation by 10% instead.



 3D8F65

 3D8F65

FFFFFF

 1F754D

 73C598

 005C36

 8FE2B3

 004420

 ABFFCE

 002D0A

 C7FFEB

 001500

 E4FFFF

 000000

 3D8F65

 3D8F65

 2F8F5E

 4B8F6C

 208F56

 5A8F74

■ 128F4F

■ 688F7B

■ 048F48

■ 768F82

■ 008F46

■ 858F8A

■ 938F91

■ A18F98

■ AF8FA0

■ BE8FA7

# Harmonies

## Analogous

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



6A8A4A



3D8F65



009187

# Triad

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



3D8F65



5881C1



BB6A5A

# Complementary

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



3D8F65



8F3D67

# 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.



BE657A



3D8F65



8D74B5

# Square

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



3D8F65



008ABC



AF699B



A97543

# Rectangle

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



3D8F65



00919D



AF699B



BE6764



# Sweetspot

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



3D8F65



9BBAAA



678F3D



4B5E55



DEDEDE



5E5E5E



# Same Dimension

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



3D8F65



3ABA78



3D8F8E



404744



008742



000804



# Inverse Universe

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



8F3D67



BA3A7B



8F3D3E



474044



870045



080004



# Previews

## White Background



This preview shows how the Hex color 3D8F65 looks on a white background.

## Color Contrast Check

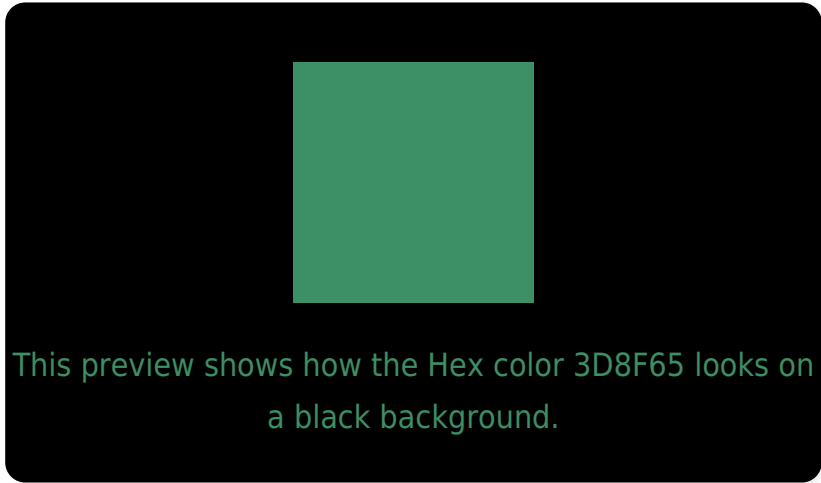
Large Text (above 18pt) WCAG AA ✓ Pass

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

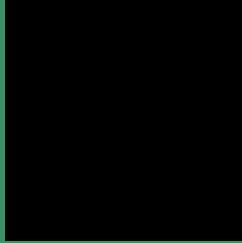
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3D8F65 Background



This preview shows how black text looks on a background with the Hex color 3D8F65.

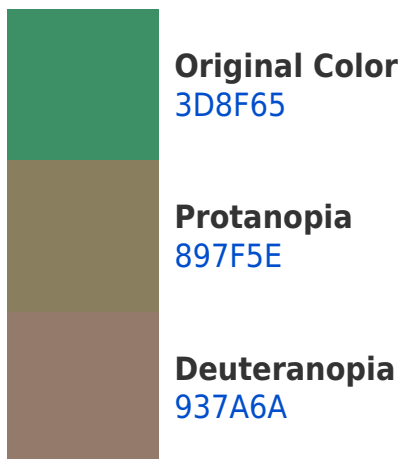


This preview shows how white text looks on a background with the Hex color 3D8F65.

# 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



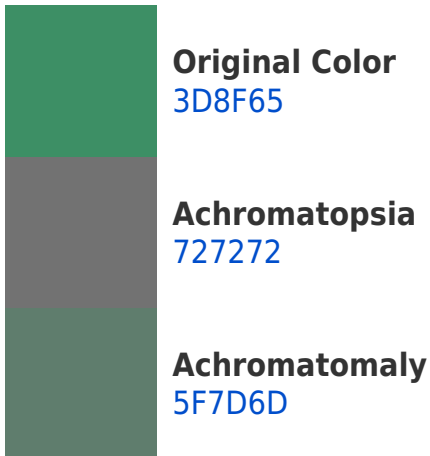


**Tritanopia**  
4B8994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D8F65 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 #3D8F65 looks like.

```
.text, #text, p{  
    color:#3D8F65  
}
```

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 #3D8F65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D8F65
}
```

## Border

The CSS property to change the border of an element to Hex 3D8F65 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
#3D8F65 }
```

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

```
.border{ border-color:#3D8F65 }
```

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

Here you see how a box with a 4 pixel #3D8F65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D8F65; -webkit-box-shadow:4px 4px  
4px 4px #3D8F65; box-shadow:4px 4px 4px  
4px #3D8F65 }
```

# Background

The CSS property to change the background color of an element to Hex 3D8F65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D8F65 }
```

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

```
.background{ background-color:#3D8F65 }
```

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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