

Converting Colors

Hex(3D9B75)

Have a look what the booklet for
Hex(3D9B75) contains.

Hex(3D9B75)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3D9B75)

Conversions

Conversions Part 1

Format	Color
Hex	3D9B75
RGB	61, 155, 117
RGB Percent	24%, 61%, 46%
CMY	0.7608, 0.3922, 0.5412
CMYK	0.61, 0.00, 0.25, 0.39
HSL	156°, 44%, 42%
HSV	156°, 61%, 61%
XYZ	16.8567, 25.7191, 20.9055
YIQ	122.5620, -43.8260, -31.7460

Conversions

Conversions Part 2

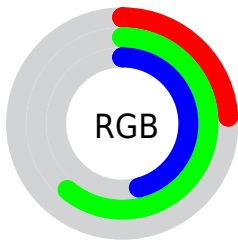
Format	Color
RYB	61, 120, 155
Decimal	4037493
CIELab	57.77, -37.05, 11.81
CIELCh	58, 38.889, 162.323
Yxy	25.7191, 0.2655, 0.4051
Android (android.graphics.Color)	4282227573 (0xFF3D9B75)
YUV	122.5620, -2.7421, -53.9899
Hunter-Lab	50.7140, -29.4185, 11.0592

Details

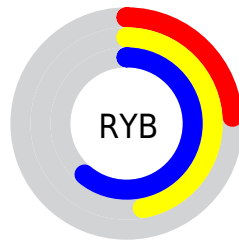
The Hex color **3D9B75** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9B3D63**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **75D2A9**, and **006745** is the 20% darker color. If you saturate the color by 10%, you get **2E9B6F**, and if you desaturate by 10%, it is **4D9B7B**.

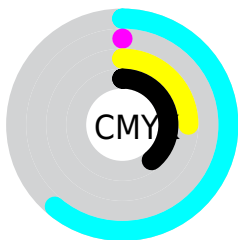
Distribution



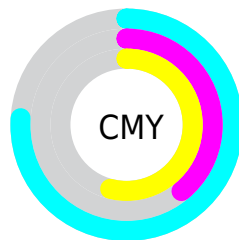
- Red (24%)
- Green (61%)
- Blue (46%)



- Red (24%)
- Yellow (47%)
- Blue (61%)



- Cyan (61%)
- Magenta (0%)
- Yellow (25%)
- Black (39%)



- Cyan (76%)
- Magenta (39%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D9B75 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 3D9B75 by changing the saturation by 10% instead.

 3D9B75

 3D9B75

FFFFFF

 1C815C

 75D2A9

 006745

 91EFC4

 004E2E

 ADFFE0

 003619

 CAFFFD

 002200

 E7FFFF

 000000

 3D9B75

 3D9B75

 2E9B6F

 4D9B7B

 1E9B68

 5C9B82

0F9B62

6C9B88

009B5C

7B9B8E

8B9B94

9A9B9B

AA9BA1

B99BA7

C99BAD

Harmonies

Analogous

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



6D9657



3D9B75



009C98

Triad

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



3D9B75



6E89CD



C6765F

Complementary

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



3D9B75



9B3D63

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.



CC6F7E



3D9B75



A07DBD

Square

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



3D9B75



1B94CB



C072A0



B1824A

Rectangle

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



3D9B75



009BAE



C072A0



C97368

Sweetspot

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



3D9B75



A5C9BB



649B3D



50665D



E6E6E6



666666

Same Dimension

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



3D9B75



36C98E



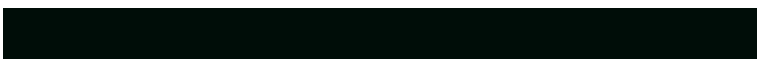
3D939B



454D49



008C54



000D08

Inverse Universe

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



9B3D63



C93672



9B453D



4D4548



8C0039



0D0005

Previews

White Background



This preview shows how the Hex color 3D9B75 looks on a white background.

Color Contrast Check

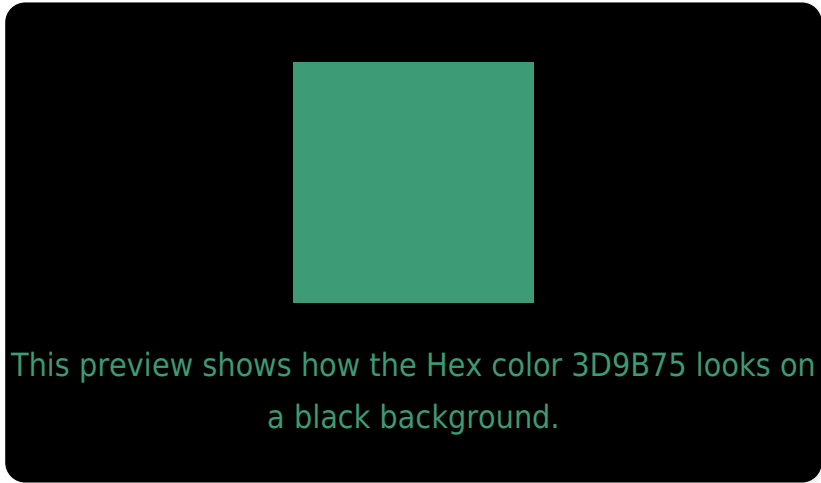
Large Text (above 18pt) WCAG AA ✓ Pass

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

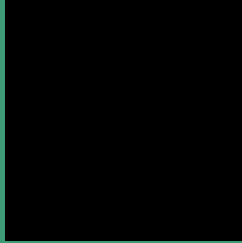
Any Text WCAG AA ✓ Pass

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 3D9B75 Background



This preview shows how black text looks on a background with the Hex color 3D9B75.

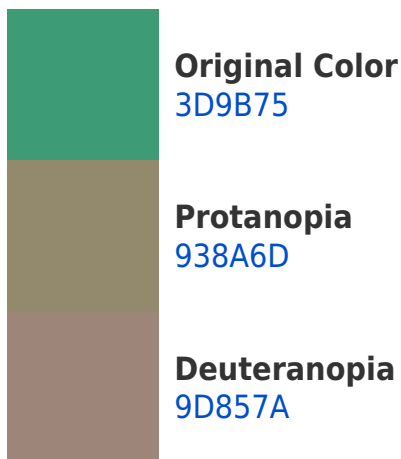


This preview shows how white text looks on a background with the Hex color 3D9B75.

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
4C95A1

Trichromacy



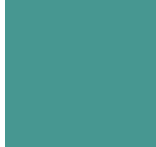
Original Color
3D9B75



Protanomaly
749070



Deuteranomaly
7A8D78



Tritanomaly
479791

Monochromacy



Original Color
3D9B75



Achromatopsia
7B7B7B



Achromatomaly
648779

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D9B75 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 #3D9B75 looks like.

```
.text, #text, p{  
    color:#3D9B75  
}
```

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 #3D9B75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D9B75  
}
```

Border

The CSS property to change the border of an element to Hex 3D9B75 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  
#3D9B75 }
```

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

```
.border{ border-color:#3D9B75 }
```

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

Here you see how a box with a 4 pixel #3D9B75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D9B75; -webkit-box-shadow:4px 4px  
4px 4px #3D9B75; box-shadow:4px 4px 4px  
4px #3D9B75 }
```

Background

The CSS property to change the background color of an element to Hex 3D9B75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D9B75 }
```

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

```
.background{ background-color:#3D9B75 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor