

Converting Colors

Hex(3A7B65)

Have a look what the booklet for
Hex(3A7B65) contains.

Hex(3A7B65)	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(3A7B65)

Conversions

Conversions Part 1

Format	Color
Hex	3A7B65
RGB	58, 123, 101
RGB Percent	23%, 48%, 40%
CMY	0.7725, 0.5176, 0.6039
CMYK	0.53, 0.00, 0.18, 0.52
HSL	160°, 36%, 35%
HSV	160°, 53%, 48%
XYZ	11.1768, 16.0050, 14.8121
YIQ	101.0570, -31.6780, -20.6220

Conversions

Conversions Part 2

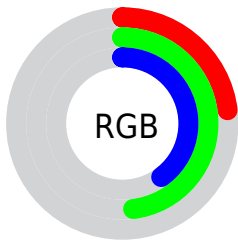
Format	Color
RYB	58, 97, 123
Decimal	3832677
CIELab	46.98, -26.51, 5.73
CIELCh	47, 27.121, 167.808
Yxy	16.0050, 0.2662, 0.3811
Android (android.graphics.Color)	4282022757 (0xFF3A7B65)
YUV	101.0570, -0.0281, -37.7610
Hunter-Lab	40.0063, -20.1422, 6.0526

Details

The Hex color **3A7B65** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7B3A50**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **6EB098**, and **004A36** is the 20% darker color. If you saturate the color by 10%, you get **2E7B61**, and if you desaturate by 10%, it is **467B69**.

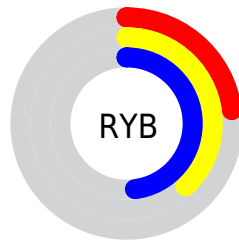
Distribution



Red (23%)

Green (48%)

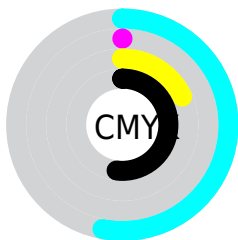
Blue (40%)



Red (23%)

Yellow (38%)

Blue (48%)

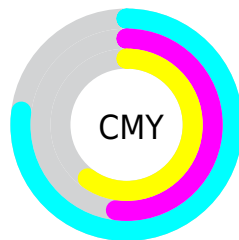


Cyan (53%)

Magenta (0%)

Yellow (18%)

Black (52%)



Cyan (77%)

Magenta (52%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A7B65 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 3A7B65 by changing the saturation by 10% instead.



3A7B65



3A7B65

FFFFFF



1F624D



6EB098



004A36



89CCB3



003221



A4E8CE



001F0A



C0FFE8



000000



DCFFFF



FAFFFF



3A7B65



3A7B65



2E7B61



467B69

■ 217B5D

■ 537B6D

■ 157B59

■ 5F7B71

■ 097B54

■ 6B7B76

■ 007B51

■ 787B7A

■ 847B7E

■ 907B82

■ 9C7B86

■ A97B8A

Harmonies

Analogous

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



577850



3A7B65



1B7C7D

Triad

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



3A7B65



646D9B



96634F

Complementary

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



3A7B65



7B3A50

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.



9C5E63



3A7B65



83658E

Square

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



3A7B65



3F749B



965F7A



876B43

Rectangle

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



3A7B65



127A8B



965F7A



996155

Sweetspot

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



3A7B65



87A198



517B3A



42524C



D1D1D1



525252

Same Dimension

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



3A7B65



3BA17E



3A717B



373D3B



007D53



00FCA7

Inverse Universe

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



7B3A50



A13B5E



7B443A



3D3739



7D002A



FC0055

Previews

White Background



This preview shows how the Hex color 3A7B65 looks on a white background.

Color Contrast Check

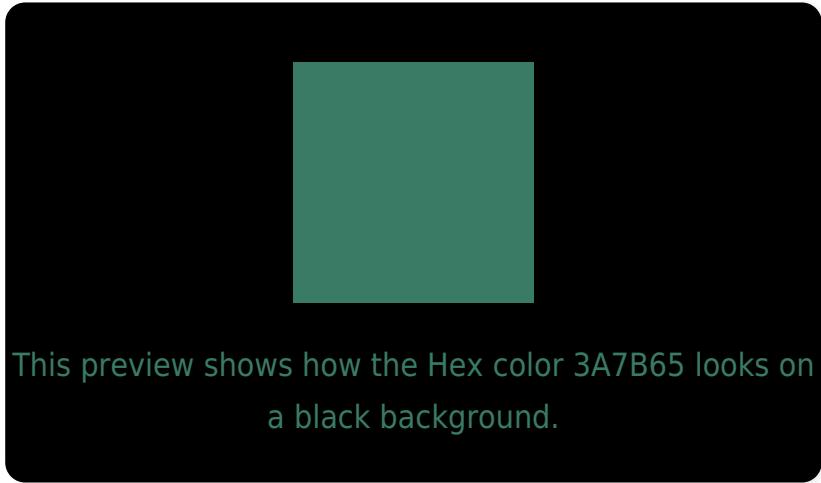
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

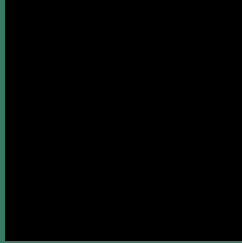
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 3A7B65 Background



This preview shows how black text looks on a background with the Hex color 3A7B65.



This preview shows how white text looks on a background with the Hex color 3A7B65.

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
3A7B65

Protanopia
746F5F

Deuteranopia
7C6B68



Tritanopia
437781

Trichromacy



Original Color
3A7B65

Protanomaly
5F7361

Deuteranomaly
647167

Tritanomaly
407877

Monochromacy



Original Color
3A7B65

Achromatopsia
656565

Achromatomaly
556D65

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A7B65 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 #3A7B65 looks like.

```
.text, #text, p{  
    color:#3A7B65  
}
```

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 #3A7B65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A7B65
}
```

Border

The CSS property to change the border of an element to Hex 3A7B65 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
#3A7B65 }
```

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

```
.border{ border-color:#3A7B65 }
```

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

Here you see how a box with a 4 pixel #3A7B65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A7B65; -webkit-box-shadow:4px 4px  
4px 4px #3A7B65; box-shadow:4px 4px 4px  
4px #3A7B65 }
```

Background

The CSS property to change the background color of an element to Hex 3A7B65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A7B65 }
```

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

```
.background{ background-color:#3A7B65 }
```

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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