

Converting Colors

Hex(3A7867)

Have a look what the booklet for
Hex(3A7867) contains.

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Color

Hex(3A7867)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 3A7867 |
| RGB | 58, 120, 103 |
| RGB Percent | 23%, 47%, 40% |
| CMY | 0.7725, 0.5294, 0.5961 |
| CMYK | 0.52, 0.00, 0.14, 0.53 |
| HSL | 164°, 35%, 35% |
| HSV | 164°, 52%, 47% |
| XYZ | 10.9096, 15.3118, 15.2124 |
| YIQ | 99.5240, -31.4950, -18.4310 |

Conversions

Conversions Part 2

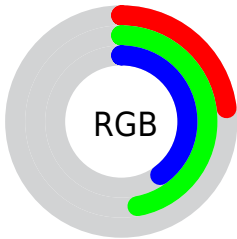
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 58, 94, 120 |
| Decimal | 3831911 |
| CIELab | 46.06, -24.50, 3.22 |
| CIElCh | 46, 24.710, 172.517 |
| Yxy | 15.3118, 0.2633, 0.3695 |
| Android (android.graphics.Color) | 4282021991 (0xFF3A7867) |
| YUV | 99.5240, 1.7137, -36.4165 |
| Hunter-Lab | 39.1302, -18.7118, 4.3413 |

Details

The Hex color **3A7867** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **783A4B**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **6EAD9A**, and **004738** is the 20% darker color. If you saturate the color by 10%, you get **2E7864**, and if you desaturate by 10%, it is **46786A**.

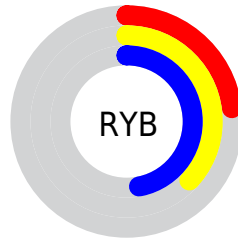
Distribution



Red (23%)

Green (47%)

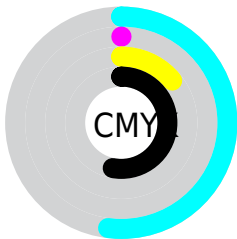
Blue (40%)



Red (23%)

Yellow (37%)

Blue (47%)

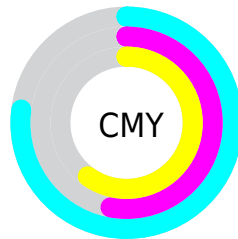


Cyan (52%)

Magenta (0%)

Yellow (14%)

Black (53%)



Cyan (77%)

Magenta (53%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A7867 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 3A7867 by changing the saturation by 10% instead.



3A7867



3A7867

FFFFFF



1F5F4F



6EAD9A



004738



88C8B5



003023



A4E4D0



001D0D



C0FFED



000000



DCFFFF



F9FFFF



3A7867



3A7867



2E7864



46786A

■ 227860

■ 52786E

■ 16785D

■ 5E7871

■ 0A785A

■ 6A7874

■ 007857

■ 767877

■ 82787B

■ 8E787E

■ 9A7881

■ A67885

Harmonies

Analogous

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



537553



3A7867



25787C

Triad

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



3A7867



686A93



8F634D

Complementary

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



3A7867



783A4B

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.



965E5E



3A7867



826286

Square

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



3A7867



487196



925E73



806A44

Rectangle

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



3A7867



247788



925E73



926152

Sweetspot

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



3A7867



839C95



4C783A



404F4B



CFCFCF



4F4F4F

Same Dimension

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



3A7867



3B9C81



3A6B78



373D3C



007D5B



00FCB7

Inverse Universe

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



783A4B



9C3B56



78473A



3D3739



7D0022



FC0045

Previews

White Background



This preview shows how the Hex color 3A7867 looks on a white background.

Color Contrast Check

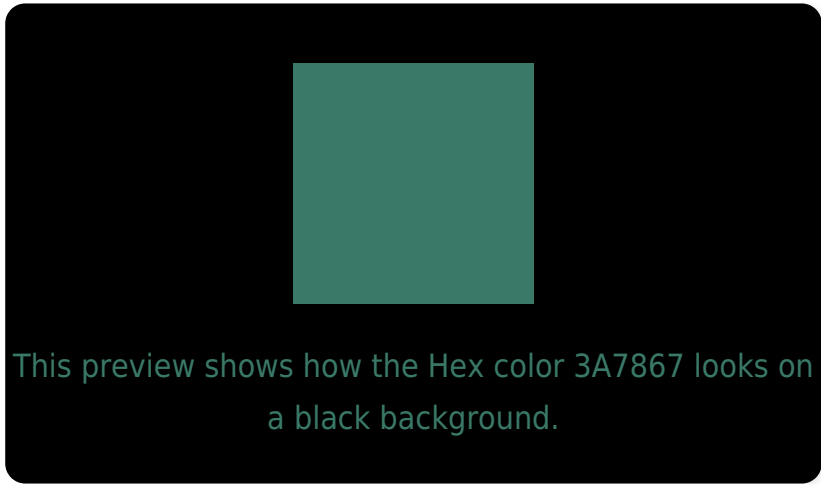
Large Text (above 18pt) WCAG AA ✓ Pass

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

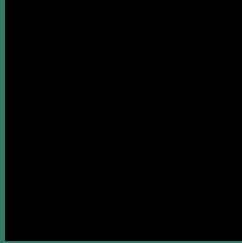
Any Text WCAG AA × Fail

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 3A7867 Background



This preview shows how black text looks on a background with the Hex color 3A7867.



This preview shows how white text looks on a background with the Hex color 3A7867.

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
3A7867

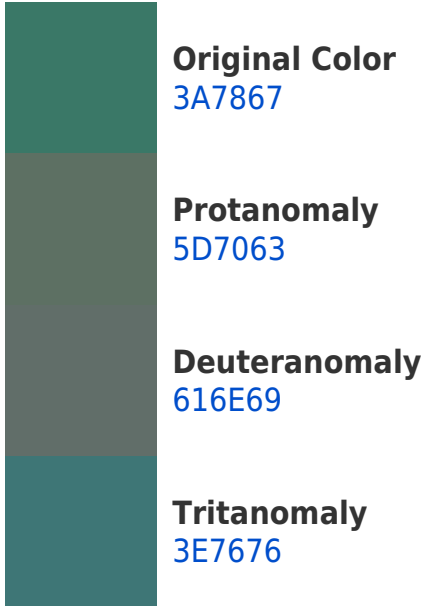
Protanopia
716C61

Deuteranopia
78696A

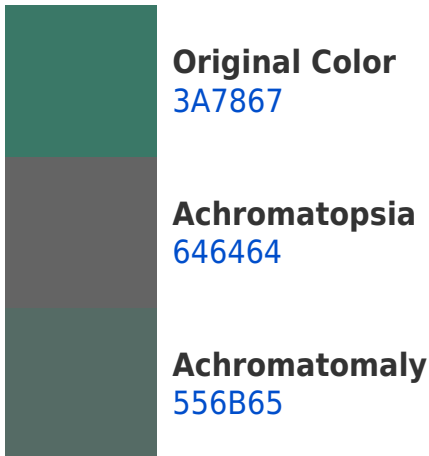


Tritanopia
41757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A7867 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 #3A7867 looks like.

```
.text, #text, p{  
    color:#3A7867  
}
```

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 #3A7867 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A7867
}
```

Border

The CSS property to change the border of an element to Hex 3A7867 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
#3A7867 }
```

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

```
.border{ border-color:#3A7867 }
```

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

Here you see how a box with a 4 pixel #3A7867 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A7867; -webkit-box-shadow:4px 4px  
4px 4px #3A7867; box-shadow:4px 4px 4px  
4px #3A7867 }
```

Background

The CSS property to change the background color of an element to Hex 3A7867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A7867 }
```

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

```
.background{ background-color:#3A7867 }
```

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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