

Converting Colors

Hex(3A7557)

Have a look what the booklet for
Hex(3A7557) contains.

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Color

Hex(3A7557)

Conversions

Conversions Part 1

Format	Color
Hex	3A7557
RGB	58, 117, 87
RGB Percent	23%, 46%, 34%
CMY	0.7725, 0.5412, 0.6588
CMYK	0.50, 0.00, 0.26, 0.54
HSL	149°, 34%, 34%
HSV	149°, 50%, 46%
XYZ	9.8265, 14.3102, 11.2611
YIQ	95.9390, -25.5340, -21.8380

Conversions

Conversions Part 2

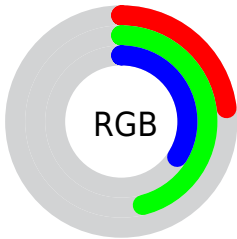
Format	Color
RYB	58, 98, 117
Decimal	3831127
CIELab	44.67, -26.86, 10.73
CIELCh	45, 28.924, 158.220
Yxy	14.3102, 0.2776, 0.4043
Android (android.graphics.Color)	4282021207 (0xFF3A7557)
YUV	95.9390, -4.4069, -33.2725
Hunter-Lab	37.8289, -19.8330, 8.8305




Details

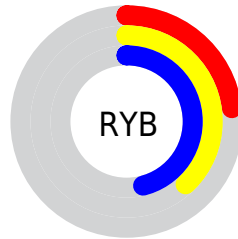
The Hex color **3A7557** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **753A58**, and the grayscale version is **606060**.




A 20% lighter version of the original color is **6DAA89**, and **00442A** is the 20% darker color. If you saturate the color by 10%, you get **2E7551**, and if you desaturate by 10%, it is **46755D**.

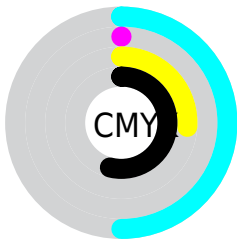
Distribution







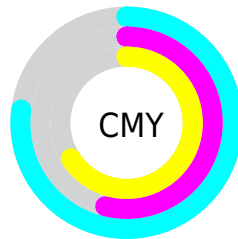
-  Red (23%)
-  Green (46%)
-  Blue (34%)






-  Red (23%)
-  Yellow (38%)
-  Blue (46%)



-  Cyan (50%)
-  Magenta (0%)
-  Yellow (26%)
-  Black (54%)



-  Cyan (77%)
-  Magenta (54%)
-  Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A7557 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 3A7557 by changing the saturation by 10% instead.



3A7557



3A7557

FFFFFF



205C40



6DAA89



00442A



88C5A3



002D15



A3E1BE



001900



BEFEDA



000000



DBFFF7



F8FFFF



3A7557



3A7557



2E7551



46755D

■ 23754B

■ 517563

■ 177545

■ 5D7569

■ 0B753F

■ 69756F

■ 00753A

■ 757575

■ 80757B

■ 8C7581

■ 987587

■ A3758D

Harmonies

Analogous

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



597143



3A7557



0D7670

Triad

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



3A7557



516A99



955A4D

Complementary

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



3A7557



753A58

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.



985764



3A7557



756190

Square

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



3A7557



207196



8D597C



88623D

Rectangle

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



3A7557



007680



8D597C



975854

Sweetspot

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



3A7557



82998D



58753A



3F4D45



CCCCCC



4D4D4D

Same Dimension

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



3A7557



3C996A



3A7574



353B38



007A3C



00FA7B

Inverse Universe

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



753A58



993C6B



753A3B



3B3538



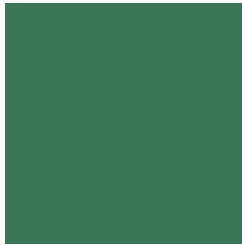
7A003E



FA007F

Previews

White Background



This preview shows how the Hex color 3A7557 looks on a white background.

Color Contrast Check

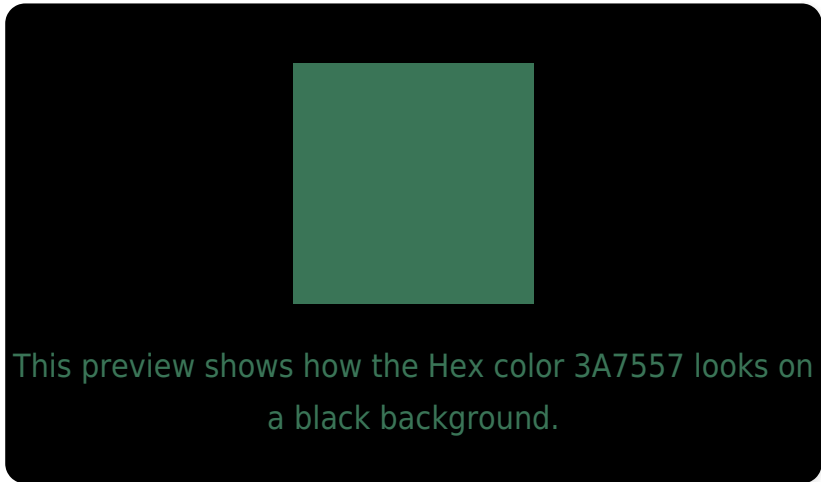
Large Text (above 18pt) WCAG AA ✓ Pass

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

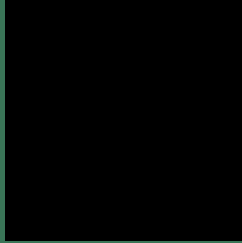
Any Text WCAG AA × Fail

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 3A7557 Background



This preview shows how black text looks on a background with the Hex color 3A7557.



This preview shows how white text looks on a background with the Hex color 3A7557.

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
3A7557

Protanopia
706951

Deuteranopia
79655A



Tritanopia
43707A

Trichromacy



Original Color
3A7557

Protanomaly
5C6D53

Deuteranomaly
626B59

Tritanomaly
40726D

Monochromacy



Original Color
3A7557

Achromatopsia
606060

Achromatomaly
52685D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A7557 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 #3A7557 looks like.

```
.text, #text, p{  
    color:#3A7557  
}
```

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 #3A7557 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A7557
}
```

Border

The CSS property to change the border of an element to Hex 3A7557 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
#3A7557 }
```

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

```
.border{ border-color:#3A7557 }
```

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

Here you see how a box with a 4 pixel #3A7557 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A7557; -webkit-box-shadow:4px 4px  
4px 4px #3A7557; box-shadow:4px 4px 4px  
4px #3A7557 }
```

Background

The CSS property to change the background color of an element to Hex 3A7557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A7557 }
```

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

```
.background{ background-color:#3A7557 }
```

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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