

Converting Colors

Hex(3A7243)

Have a look what the booklet for
Hex(3A7243) contains.

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Color

Hex(3A7243)

Conversions

Conversions Part 1

Format	Color
Hex	3A7243
RGB	58, 114, 67
RGB Percent	23%, 45%, 26%
CMY	0.7725, 0.5529, 0.7373
CMYK	0.49, 0.00, 0.41, 0.55
HSL	130°, 33%, 34%
HSV	130°, 49%, 45%
XYZ	8.7754, 13.3394, 7.4224
YIQ	91.8980, -18.2890, -26.4890

Conversions

Conversions Part 2

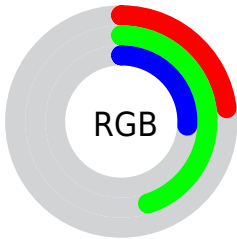
Format	Color
RYB	58, 106, 114
Decimal	3830339
CIELab	43.27, -29.49, 20.49
CIElCh	43, 35.910, 145.209
Yxy	13.3394, 0.2971, 0.4516
Android (android.graphics.Color)	4282020419 (0xFF3A7243)
YUV	91.8980, -12.2747, -29.7285
Hunter-Lab	36.5232, -21.0277, 13.5170

Details

The Hex color **3A7243** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **723A69**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **6DA674**, and **024117** is the 20% darker color. If you saturate the color by 10%, you get **2F7239**, and if you desaturate by 10%, it is **45724D**.

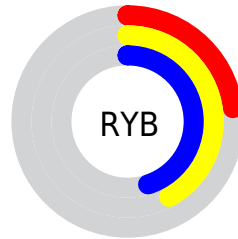
Distribution



 Red (23%)

 Green (45%)

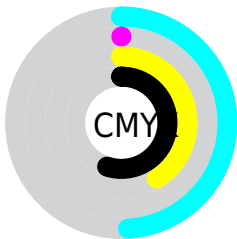
 Blue (26%)




 Red (23%)

 Yellow (42%)

 Blue (45%)

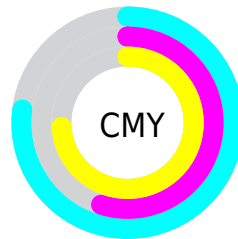


 Cyan (49%)


 Magenta (0%)

 Yellow (41%)

 Black (55%)



 Cyan (77%)

 Magenta (55%)

 Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A7243 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 3A7243 by changing the saturation by 10% instead.



3A7243



3A7243

FFFFFF



20592C



6DA674



024117



87C28D



002A00



A2DEA8



001400



BEFBC3



000000



DAFFDF



F7FFFC



3A7243



3A7243



2F7239



45724D

■ 237230

■ 517256

■ 187226

■ 5C7260

■ 0C721D

■ 687269

■ 017213

■ 737273

■ 007212

■ 7E727C

■ 8A7286

■ 957290

■ A17299

Harmonies

Analogous

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



5F6C2E



3A7243



007560

Triad

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



3A7243



1E6BA1



9D4F4F

Complementary

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



3A7243



723A69

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.



9A4D6C



3A7243



61609C

Square

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



3A7243



007296



865589



925836

Rectangle

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



3A7243



007575



865589



9E4D58

Sweetspot

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



3A7243



7E9481



6A723A



3D4A3F



C9C9C9



4A4A4A

Same Dimension

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



3A7243



3D944B



3A725E



323833



007813



00F728

Inverse Universe

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



723A69



943D86



723A4E



383237



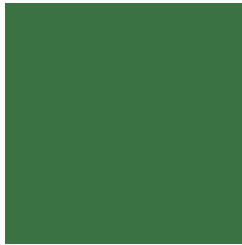
780065



F700D0

Previews

White Background



This preview shows how the Hex color 3A7243 looks on a white background.

Color Contrast Check

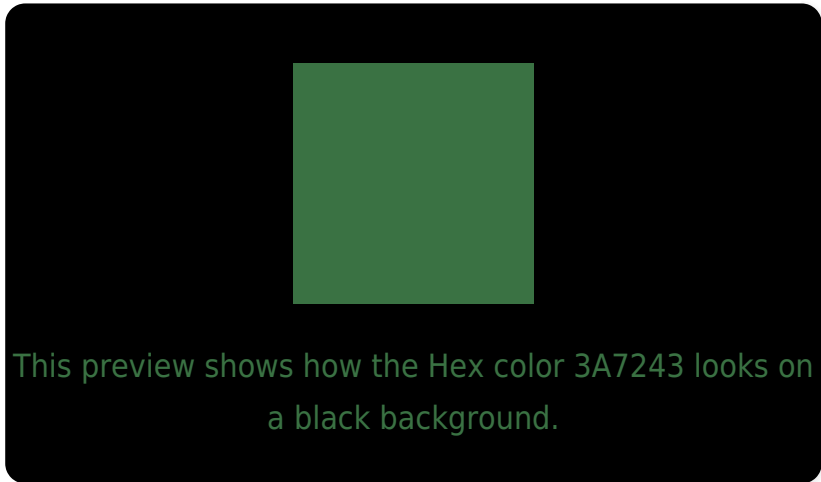
Large Text (above 18pt) WCAG AA ✓ Pass

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

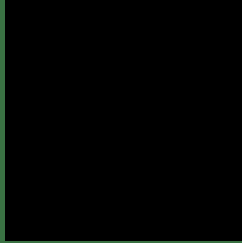
Any Text WCAG AA × Fail

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 3A7243 Background



This preview shows how black text looks on a background with the Hex color 3A7243.



This preview shows how white text looks on a background with the Hex color 3A7243.

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
3A7243

Protanopia
6F663E

Deuteranopia
796147



Tritanopia
456C75

Trichromacy



Original Color
3A7243

Protanomaly
5C6A40

Deuteranomaly
626746

Tritanomaly
416E63

Monochromacy



Original Color
3A7243

Achromatopsia
5C5C5C

Achromatomaly
506453

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A7243 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 #3A7243 looks like.

```
.text, #text, p{  
    color:#3A7243  
}
```

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 #3A7243 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A7243
}
```

Border

The CSS property to change the border of an element to Hex 3A7243 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".

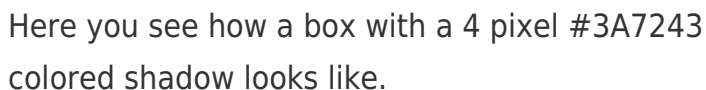
```
.border, #border, table{ border:4px solid
#3A7243 }
```

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

```
.border{ border-color:#3A7243 }
```

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

Here you see how a box with a 4 pixel #3A7243 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A7243; -webkit-box-shadow:4px 4px  
4px 4px #3A7243; box-shadow:4px 4px 4px  
4px #3A7243 }
```

Background

The CSS property to change the background color of an element to Hex 3A7243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A7243 }
```

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

```
.background{ background-color:#3A7243 }
```

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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