

Converting Colors

Hex(4A7F3B)

Have a look what the booklet for
Hex(4A7F3B) contains.

Hex(4A7F3B)	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(4A7F3B)

Conversions

Conversions Part 1

Format	Color
Hex	4A7F3B
RGB	74, 127, 59
RGB Percent	29%, 50%, 23%
CMY	0.7098, 0.5020, 0.7686
CMYK	0.42, 0.00, 0.54, 0.50
HSL	107°, 37%, 36%
HSV	107°, 54%, 50%
XYZ	11.2028, 16.9504, 6.8190
YIQ	103.4010, -9.7600, -32.3840

Conversions

Conversions Part 2

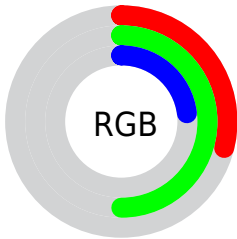
Format	Color
RYB	59, 127, 112
Decimal	4882235
CIELab	48.20, -31.56, 31.26
CIELCh	48, 44.424, 135.274
Yxy	16.9504, 0.3203, 0.4847
Android (android.graphics.Color)	4283072315 (0xFF4A7F3B)
YUV	103.4010, -21.8897, -25.7847
Hunter-Lab	41.1708, -23.4780, 18.9996

Details

The Hex color **4A7F3B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **703B7F**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **7EB46C**, and **154D0B** is the 20% darker color. If you saturate the color by 10%, you get **407F2E**, and if you desaturate by 10%, it is **547F48**.

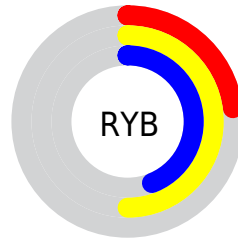
Distribution



Red (29%)

Green (50%)

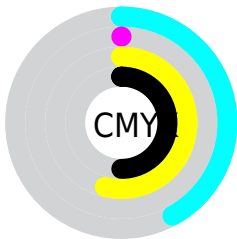
Blue (23%)



Red (23%)

Yellow (50%)

Blue (44%)

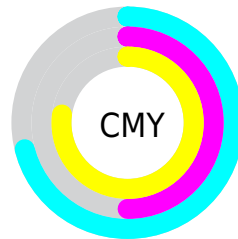


Cyan (42%)

Magenta (0%)

Yellow (54%)

Black (50%)



Cyan (71%)

Magenta (50%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A7F3B 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 4A7F3B by changing the saturation by 10% instead.



4A7F3B



4A7F3B

FFFFFF



316624



7EB46C



154D0B



99D086



003600



B4ECA0



002200



D0FFBC



000000



EDFFD8



FFFFF4



4A7F3B



4A7F3B



407F2E



547F48

 367F22

 5E7F54

 2C7F15

 687F61

 227F08

 727F6E

 1C7F00

 7B7F7B

 857F87

 8F7F94

 997FA1

 A37FAD

Harmonies

Analogous

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



757625



4A7F3B



00845E

Triad

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



4A7F3B



007CBB



B85161

Complementary

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



4A7F3B



703B7F

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.



AE5387



4A7F3B



5270BB

Square

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



4A7F3B



0083A7



8D61A8



AE5B3F

Rectangle

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



4A7F3B



008578



8D61A8



B7506D

Sweetspot

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



4A7F3B



91A68B



7F6F3B



485444



D4D4D4



545454

Same Dimension

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



4A7F3B



53A63C



3B7F4D



3B4039



1C8000



000000

Inverse Universe

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



703B7F



8E3CA6



7F3B6D



3E3940



630080



000000

Previews

White Background



This preview shows how the Hex color 4A7F3B looks on a white background.

Color Contrast Check

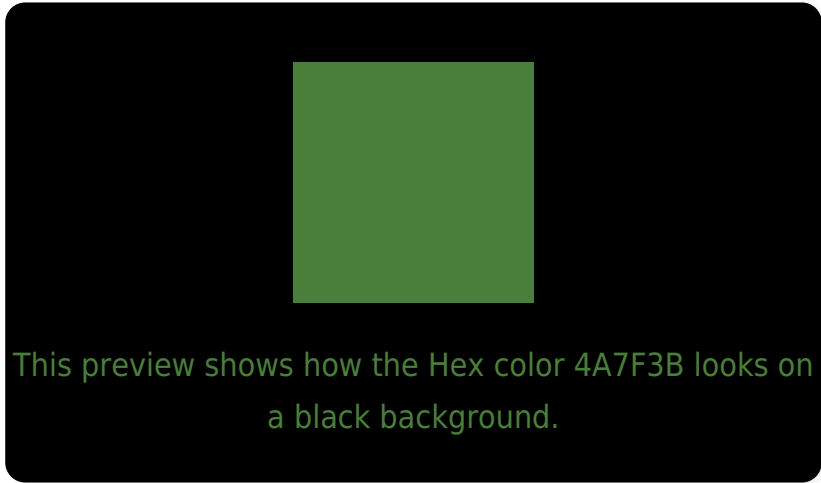
Large Text (above 18pt) WCAG AA ✓ Pass

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

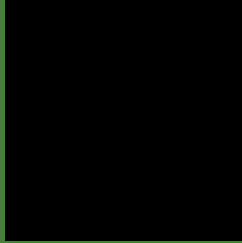
Any Text WCAG AA × Fail

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 4A7F3B Background



This preview shows how black text looks on a background with the Hex color 4A7F3B.



This preview shows how white text looks on a background with the Hex color 4A7F3B.

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
4A7F3B

Protanopia
7E7237

Deuteranopia
8B6D40



Tritanopia
577781

Trichromacy



Original Color
4A7F3B

Protanomaly
6B7738

Deuteranomaly
73743E

Tritanomaly
527A68

Monochromacy



Original Color
4A7F3B

Achromatopsia
676767

Achromatomaly
5C7057

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A7F3B 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 #4A7F3B looks like.

```
.text, #text, p{  
    color:#4A7F3B  
}
```

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 #4A7F3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7F3B
}
```

Border

The CSS property to change the border of an element to Hex 4A7F3B 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
#4A7F3B }
```

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

```
.border{ border-color:#4A7F3B }
```

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

Here you see how a box with a 4 pixel #4A7F3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7F3B; -webkit-box-shadow:4px 4px  
4px 4px #4A7F3B; box-shadow:4px 4px 4px  
4px #4A7F3B }
```

Background

The CSS property to change the background color of an element to Hex 4A7F3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7F3B }
```

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

```
.background{ background-color:#4A7F3B }
```

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