

Converting Colors

Hex(3B7A4A)

Have a look what the booklet for
Hex(3B7A4A) contains.

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Color

Hex(3B7A4A)

Conversions

Conversions Part 1

Format	Color
Hex	3B7A4A
RGB	59, 122, 74
RGB Percent	23%, 48%, 29%
CMY	0.7686, 0.5216, 0.7098
CMYK	0.52, 0.00, 0.39, 0.52
HSL	134°, 35%, 35%
HSV	134°, 52%, 48%
XYZ	9.9992, 15.3433, 8.9131
YIQ	97.6910, -22.1400, -28.2840

Conversions

Conversions Part 2

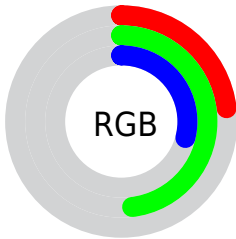
Format	Color
RYB	59, 110, 122
Decimal	3897930
CIELab	46.10, -31.64, 20.23
CIELCh	46, 37.554, 147.405
Yxy	15.3433, 0.2919, 0.4479
Android (android.graphics.Color)	4282088010 (0xFF3B7A4A)
YUV	97.6910, -11.6797, -33.9320
Hunter-Lab	39.1705, -22.9820, 13.9281

Details

The Hex color **3B7A4A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7A3B6B**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **6FAF7B**, and **00481D** is the 20% darker color. If you saturate the color by 10%, you get **2F7A41**, and if you desaturate by 10%, it is **477A53**.

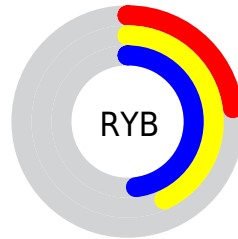
Distribution



Red (23%)

Green (48%)

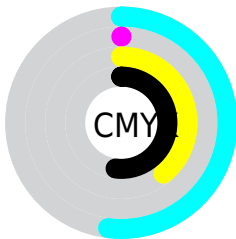
Blue (29%)



Red (23%)

Yellow (43%)

Blue (48%)

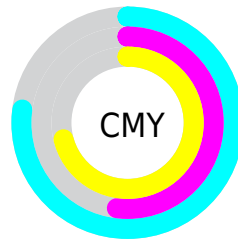


Cyan (52%)

Magenta (0%)

Yellow (39%)

Black (52%)



Cyan (77%)

Magenta (52%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B7A4A 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 3B7A4A by changing the saturation by 10% instead.



3B7A4A



3B7A4A

FFFFFF



206133



6FAF7B



00481D



89CB95



003106



A5E7B0



001E00



C0FFCB



000000



DDFFE8



FAFFFF



3B7A4A



3B7A4A



2F7A41



477A53

■ 237A37

■ 537A5D

■ 167A2E

■ 607A66

■ 0A7A25

■ 6C7A6F

■ 007A1D

■ 787A78

■ 847A82

■ 907A8B

■ 9D7A94

■ A97A9E

Harmonies

Analogous

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



637433



3B7A4A



007D69

Triad

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



3B7A4A



2A71AC



A75552

Complementary

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



3B7A4A



7A3B6B

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.



A55371



3B7A4A



6B66A5

Square

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



3B7A4A



0079A2



915A90



9A5F39

Rectangle

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



3B7A4A



007D7F



915A90



A8535C

Sweetspot

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



3B7A4A



869E8C



6B7A3B



414F44



CFCFCF



4F4F4F

Same Dimension

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



3B7A4A



3C9E53



3B7A69



373D39



007D1E



00FC3C

Inverse Universe

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



7A3B6B



9E3C87



7A3B4C



3D373C



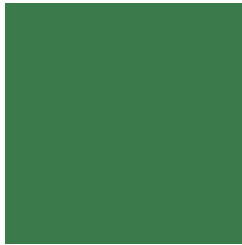
7D005F



FC00C0

Previews

White Background



This preview shows how the Hex color 3B7A4A looks on a white background.

Color Contrast Check

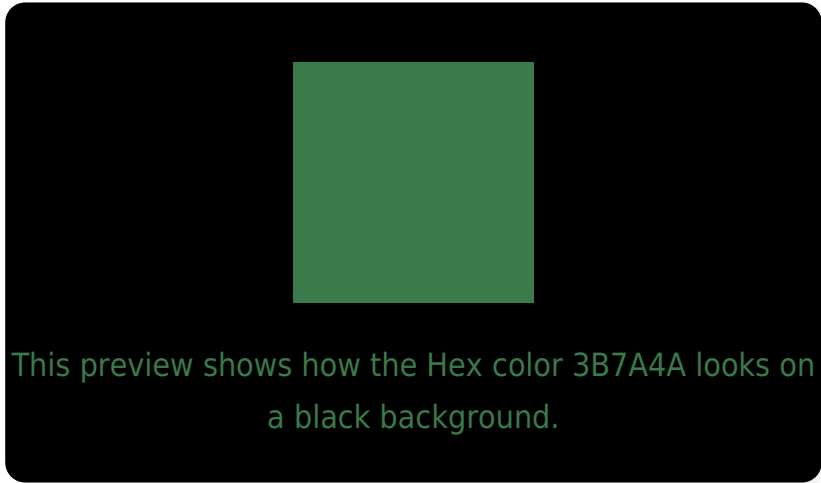
Large Text (above 18pt) WCAG AA ✓ Pass

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

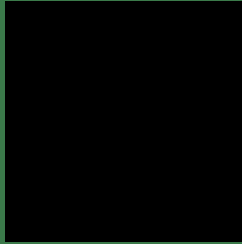
Any Text WCAG AA × Fail

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 3B7A4A Background



This preview shows how black text looks on a background with the Hex color 3B7A4A.



This preview shows how white text looks on a background with the Hex color 3B7A4A.

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
3B7A4A

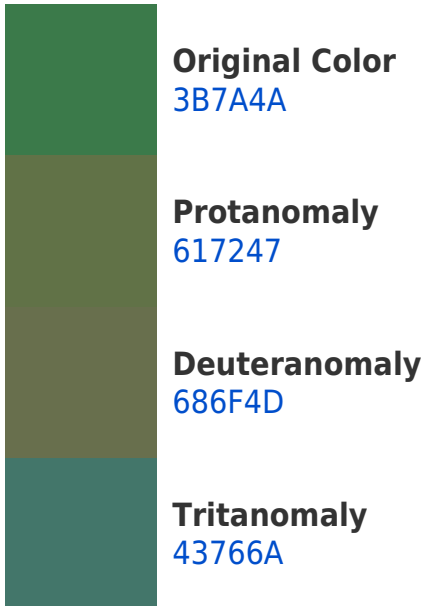
Protanopia
766D45

Deuteranopia
81684E

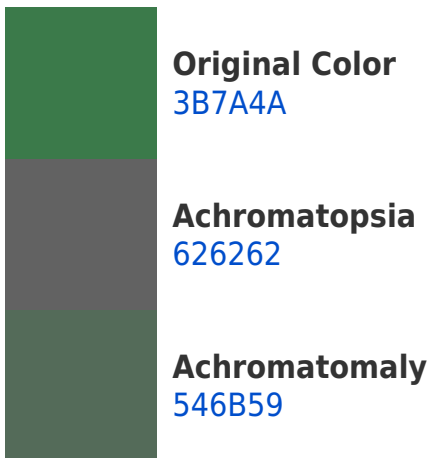


Tritanopia
48747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B7A4A 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 #3B7A4A looks like.

```
.text, #text, p{  
    color:#3B7A4A  
}
```

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 #3B7A4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B7A4A
}
```

Border

The CSS property to change the border of an element to Hex 3B7A4A 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
#3B7A4A }
```

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

```
.border{ border-color:#3B7A4A }
```

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

Here you see how a box with a 4 pixel #3B7A4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B7A4A; -webkit-box-shadow:4px 4px  
4px 4px #3B7A4A; box-shadow:4px 4px 4px  
4px #3B7A4A }
```

Background

The CSS property to change the background color of an element to Hex 3B7A4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B7A4A }
```

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

```
.background{ background-color:#3B7A4A }
```

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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