

Converting Colors

Hex(4A6B3A)

Have a look what the booklet for
Hex(4A6B3A) contains.

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Color

Hex(4A6B3A)

Conversions

Conversions Part 1

Format	Color
Hex	4A6B3A
RGB	74, 107, 58
RGB Percent	29%, 42%, 23%
CMY	0.7098, 0.5804, 0.7725
CMYK	0.31, 0.00, 0.46, 0.58
HSL	100°, 30%, 32%
HSV	100°, 46%, 42%
XYZ	8.8455, 12.2767, 5.9064
YIQ	91.5470, -3.9390, -22.2350

Conversions

Conversions Part 2

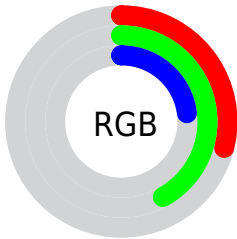
Format	Color
RYB	58, 107, 91
Decimal	4877114
CIELab	41.65, -21.92, 23.69
CIELCh	42, 32.275, 132.773
Yxy	12.2767, 0.3273, 0.4542
Android (android.graphics.Color)	4283067194 (0xFF4A6B3A)
YUV	91.5470, -16.5387, -15.3887
Hunter-Lab	35.0382, -16.2541, 14.5321

Details

The Hex color **4A6B3A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5B3A6B**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7C9F6A**, and **1B3B0E** is the 20% darker color. If you saturate the color by 10%, you get **436B2F**, and if you desaturate by 10%, it is **516B45**.

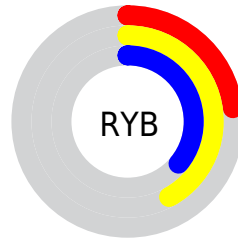
Distribution



Red (29%)

Green (42%)

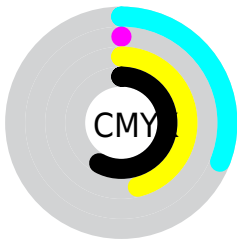
Blue (23%)



Red (23%)

Yellow (42%)

Blue (36%)

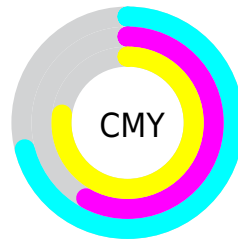


Cyan (31%)

Magenta (0%)

Yellow (46%)

Black (58%)



Cyan (71%)

Magenta (58%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A6B3A 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 4A6B3A by changing the saturation by 10% instead.



4A6B3A



4A6B3A

FFFFFF



325324



7C9F6A



1B3B0E



96BA83



052500



B2D59E



000B00



CDF2B9



000000



EAFFD5



FFFFFF1



4A6B3A



4A6B3A



436B2F



516B45

■ 3C6B25

■ 586B4F

■ 346B1A

■ 606B5A

■ 2D6B0F

■ 676B65

■ 266B05

■ 6E6B70

■ 236B00

■ 756B7A

■ 7C6B85

■ 846B90

■ 8B6B9A

Harmonies

Analogous

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



67642D



4A6B3A



226F52

Triad

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



4A6B3A



006995



954C58

Complementary

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



4A6B3A



5B3A6B

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.



8C4E73



4A6B3A



4B6196

Square

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



4A6B3A



006E86



735789



8F523F

Rectangle

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



4A6B3A



007064



735789



934C61

Sweetspot

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



4A6B3A



7F8C79



6B5B3A



3F473B



C7C7C7



474747

Same Dimension

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



4A6B3A



588C3F



3A6B42



323630



267500



50F500

Inverse Universe

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



5B3A6B



733F8C



6B3A63



343036



4F0075



A500F5

Previews

White Background



This preview shows how the Hex color 4A6B3A looks on a white background.

Color Contrast Check

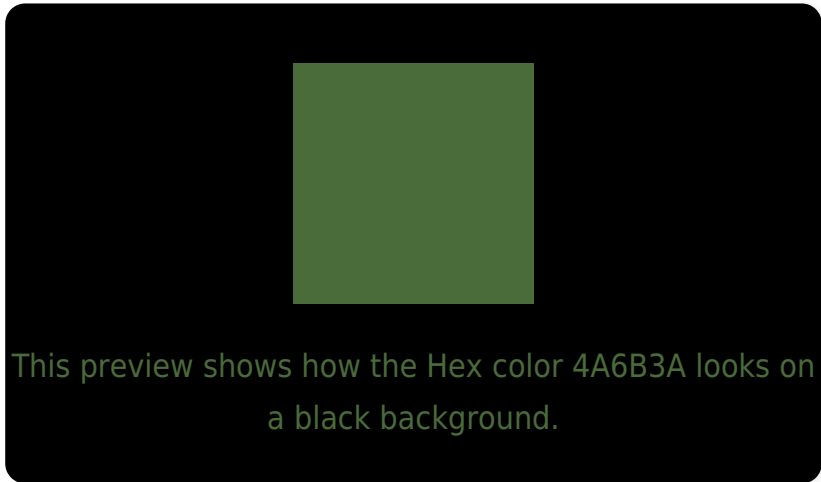
Large Text (above 18pt) WCAG AA ✓ Pass

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

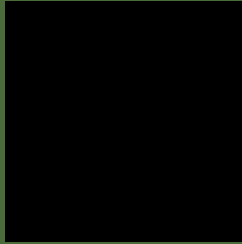
Any Text WCAG AA × Fail

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 4A6B3A Background



This preview shows how black text looks on a background with the Hex color 4A6B3A.



This preview shows how white text looks on a background with the Hex color 4A6B3A.

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](#).

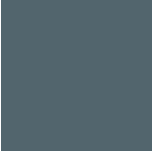
Dichromacy



Original Color
4A6B3A

Protanopia
6C6237

Deuteranopia
765E3D



Tritanopia
52656D

Trichromacy



Original Color
4A6B3A

Protanomaly
606538

Deuteranomaly
66633C

Tritanomaly
4F675A

Monochromacy



Original Color
4A6B3A

Achromatopsia
5C5C5C

Achromatomaly
556150

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A6B3A 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 #4A6B3A looks like.

```
.text, #text, p{  
    color:#4A6B3A  
}
```

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 #4A6B3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A6B3A
}
```

Border

The CSS property to change the border of an element to Hex 4A6B3A 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
#4A6B3A }
```

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

```
.border{ border-color:#4A6B3A }
```

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

Here you see how a box with a 4 pixel #4A6B3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A6B3A; -webkit-box-shadow:4px 4px  
4px 4px #4A6B3A; box-shadow:4px 4px 4px  
4px #4A6B3A }
```

Background

The CSS property to change the background color of an element to Hex 4A6B3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A6B3A }
```

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

```
.background{ background-color:#4A6B3A }
```

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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