

Converting Colors

Hex(2A6E3A)

Have a look what the booklet for
Hex(2A6E3A) contains.

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Color

Hex(2A6E3A)

Conversions

Conversions Part 1

Format	Color
Hex	2A6E3A
RGB	42, 110, 58
RGB Percent	16%, 43%, 23%
CMY	0.8353, 0.5686, 0.7725
CMYK	0.62, 0.00, 0.47, 0.57
HSL	134°, 45%, 30%
HSV	134°, 62%, 43%
XYZ	7.2945, 11.9496, 5.9250
YIQ	83.7400, -23.8360, -30.5880

Conversions

Conversions Part 2

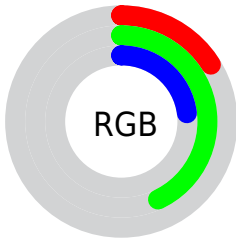
Format	Color
RYB	42, 97, 110
Decimal	2780730
CIELab	41.14, -33.79, 22.72
CIElCh	41, 40.721, 146.085
Yxy	11.9496, 0.2898, 0.4748
Android (android.graphics.Color)	4280970810 (0xFF2A6E3A)
YUV	83.7400, -12.6898, -36.6060
Hunter-Lab	34.5682, -22.8277, 14.0353

Details

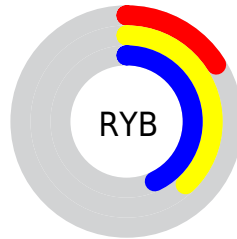
The Hex color **2A6E3A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6E2A5E**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **5FA26A**, and **003D0E** is the 20% darker color. If you saturate the color by 10%, you get **1F6E32**, and if you desaturate by 10%, it is **356E42**.

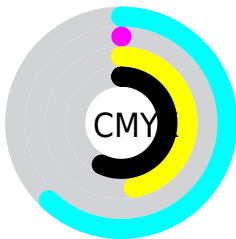
Distribution



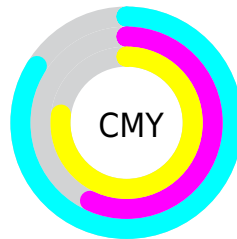
- Red (16%)
- Green (43%)
- Blue (23%)



- Red (16%)
- Yellow (38%)
- Blue (43%)



- Cyan (62%)
- Magenta (0%)
- Yellow (47%)
- Black (57%)



- Cyan (84%)
- Magenta (57%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A6E3A 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 2A6E3A by changing the saturation by 10% instead.



2A6E3A



2A6E3A

FFFFFF



0A5524



5FA26A



003D0E



79BE83



002700



94DA9E



000800



B0F6B9



000000



CCFFD5



E9FFF1



2A6E3A



2A6E3A



1F6E32



356E42

■ 146E29

■ 406E4B

■ 096E21

■ 4B6E53

■ 006E1A

■ 566E5C

■ 616E64

■ 6C6E6C

■ 776E75

■ 826E7D

■ 8D6E86

Harmonies

Analogous

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



566821



2A6E3A



00715B

Triad

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



2A6E3A



0066A4



9D4646

Complementary

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



2A6E3A



6E2A5E

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.



9B4367



2A6E3A



5A5A9D

Square

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



2A6E3A



006E98



864C87



90512A

Rectangle

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



2A6E3A



007172



864C87



9E4350

Sweetspot

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



2A6E3A



748F7A



5E6E2A



37473B



C7C7C7



474747

Same Dimension

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



2A6E3A



258F3E



2A6E5C



323834



00781C



00F73A

Inverse Universe

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



6E2A5E



8F2576



6E2A3C



383237



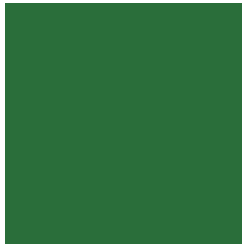
78005C



F700BD

Previews

White Background



This preview shows how the Hex color 2A6E3A looks on a white background.

Color Contrast Check

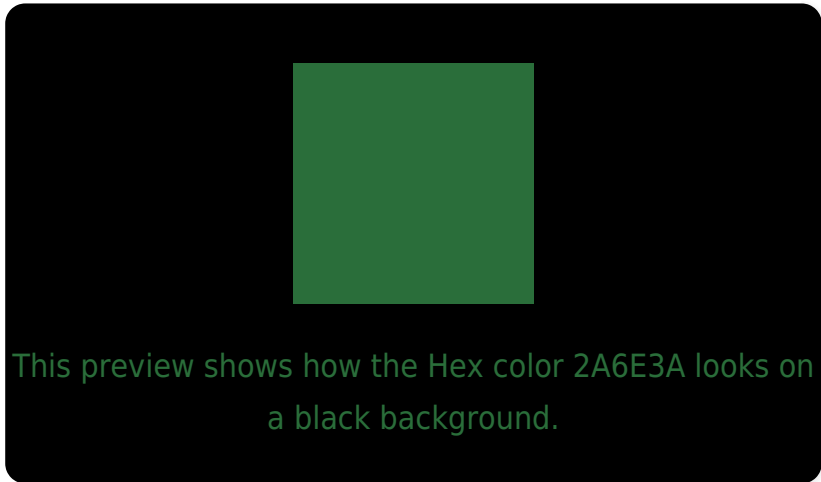
Large Text (above 18pt) WCAG AA ✓ Pass

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 2A6E3A Background



This preview shows how black text looks on a background with the Hex color 2A6E3A.

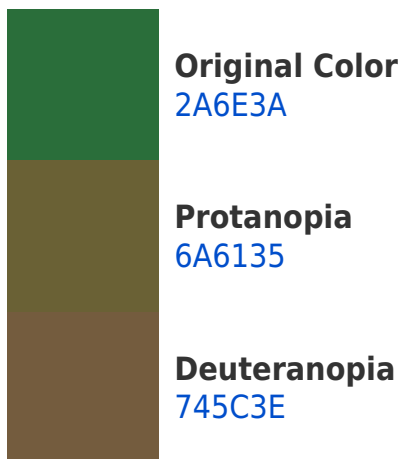


This preview shows how white text looks on a background with the Hex color 2A6E3A.

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](#).

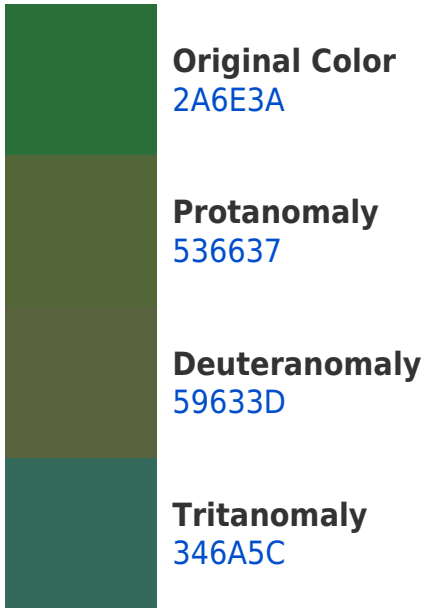
Dichromacy



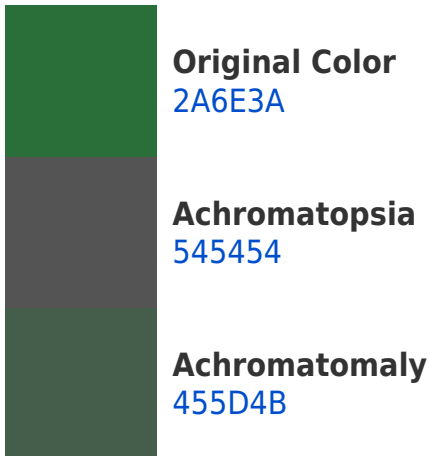


Tritanopia
396870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A6E3A 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 #2A6E3A looks like.

```
.text, #text, p{  
    color:#2A6E3A  
}
```

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 #2A6E3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A6E3A
}
```

Border

The CSS property to change the border of an element to Hex 2A6E3A 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".

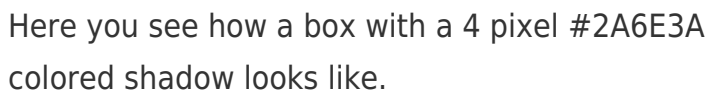
```
.border, #border, table{ border:4px solid
#2A6E3A }
```

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

```
.border{ border-color:#2A6E3A }
```

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

Here you see how a box with a 4 pixel #2A6E3A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A6E3A; -webkit-box-shadow:4px 4px  
4px 4px #2A6E3A; box-shadow:4px 4px 4px  
4px #2A6E3A }
```

Background

The CSS property to change the background color of an element to Hex 2A6E3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A6E3A }
```

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

```
.background{ background-color:#2A6E3A }
```

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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