

Converting Colors

Hex(2A6D3C)

Have a look what the booklet for
Hex(2A6D3C) contains.

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Color

Hex(2A6D3C)

Conversions

Conversions Part 1

Format	Color
Hex	2A6D3C
RGB	42, 109, 60
RGB Percent	16%, 43%, 24%
CMY	0.8353, 0.5725, 0.7647
CMYK	0.61, 0.00, 0.45, 0.57
HSL	136°, 44%, 30%
HSV	136°, 61%, 43%
XYZ	7.2391, 11.7558, 6.1625
YIQ	83.3810, -24.2030, -29.4430

Conversions

Conversions Part 2

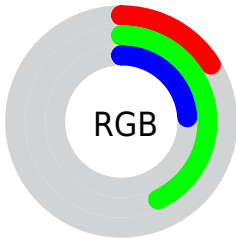
Format	Color
RYB	42, 95, 109
Decimal	2780476
CIELab	40.83, -32.99, 21.19
CIELCh	41, 39.210, 147.294
Yxy	11.7558, 0.2878, 0.4673
Android (android.graphics.Color)	4280970556 (0xFF2A6D3C)
YUV	83.3810, -11.5268, -36.2911
Hunter-Lab	34.2867, -22.3142, 13.3442

Details

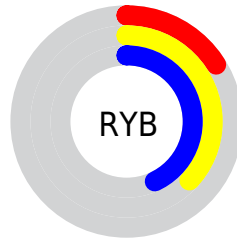
The Hex color **2A6D3C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6D2A5B**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **5EA16C**, and **003C10** is the 20% darker color. If you saturate the color by 10%, you get **1F6D34**, and if you desaturate by 10%, it is **356D44**.

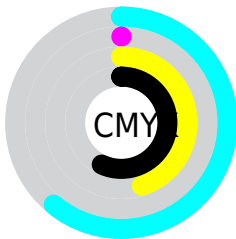
Distribution



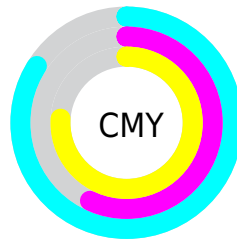
- Red (16%)
- Green (43%)
- Blue (24%)



- Red (16%)
- Yellow (37%)
- Blue (43%)



- Cyan (61%)
- Magenta (0%)
- Yellow (45%)
- Black (57%)



- Cyan (84%)
- Magenta (57%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A6D3C 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 2A6D3C by changing the saturation by 10% instead.

 2A6D3C

 2A6D3C

FFFFFF

 0A5426

 5EA16C

 003C10

 79BC86

 002700

 94D8A0

 000600

 AFF5BB

 000000

 CBFFD7

 E8FFF3

 2A6D3C

 2A6D3C

 1F6D34

 356D44

■ 146D2C

■ 406D4C

■ 096D24

■ 4B6D54

■ 006D1D

■ 566D5C

■ 616D64

■ 6B6D6C

■ 766D74

■ 816D7C

■ 8C6D84

Harmonies

Analogous

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



556723



2A6D3C



00705C

Triad

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



2A6D3C



0065A0



9A4645

Complementary

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



2A6D3C



6D2A5B

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.



994465



2A6D3C



5C5999

Square

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



2A6D3C



006C96



854C83



8D512A

Rectangle

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



2A6D3C



007072



854C83



9C444F

Sweetspot

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



2A6D3C



758F7C



5B6D2A



38473C



C7C7C7



474747

Same Dimension

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



2A6D3C



258F42



2A6D5D



303632



007520



00F542

Inverse Universe

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



6D2A5B



8F2572



6D2A3A



363034



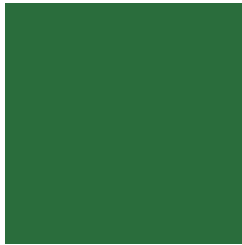
750056



F500B3

Previews

White Background



This preview shows how the Hex color 2A6D3C looks on a white background.

Color Contrast Check

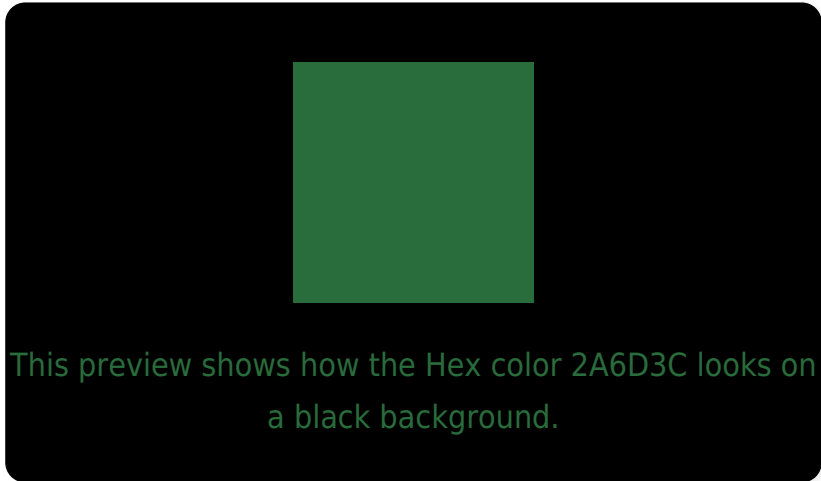
Large Text (above 18pt) WCAG AA ✓ Pass

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

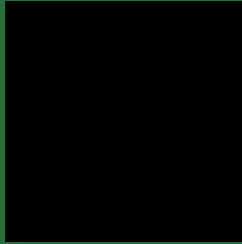
Any Text WCAG AA × Fail

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 2A6D3C Background



This preview shows how black text looks on a background with the Hex color 2A6D3C.



This preview shows how white text looks on a background with the Hex color 2A6D3C.

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
2A6D3C

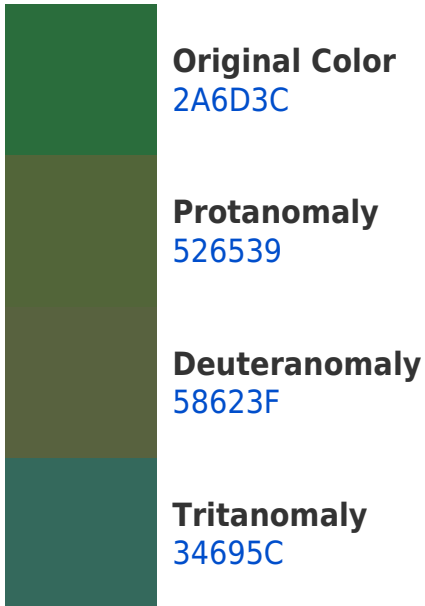
Protanopia
696037

Deuteranopia
735C40

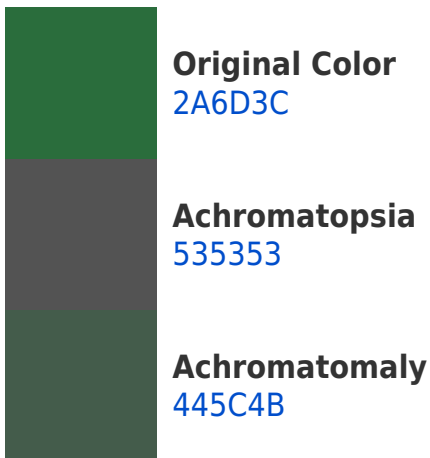


Tritanopia
39676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A6D3C 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 #2A6D3C looks like.

```
.text, #text, p{  
    color:#2A6D3C  
}
```

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 #2A6D3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A6D3C
}
```

Border

The CSS property to change the border of an element to Hex 2A6D3C 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
#2A6D3C }
```

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

```
.border{ border-color:#2A6D3C }
```

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

Here you see how a box with a 4 pixel #2A6D3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A6D3C; -webkit-box-shadow:4px 4px  
4px 4px #2A6D3C; box-shadow:4px 4px 4px  
4px #2A6D3C }
```

Background

The CSS property to change the background color of an element to Hex 2A6D3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A6D3C }
```

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

```
.background{ background-color:#2A6D3C }
```

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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