

Converting Colors

Hex(2A6D4A)

Have a look what the booklet for
Hex(2A6D4A) contains.

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Color

Hex(2A6D4A)

Conversions

Conversions Part 1

Format	Color
Hex	2A6D4A
RGB	42, 109, 74
RGB Percent	16%, 43%, 29%
CMY	0.8353, 0.5725, 0.7098
CMYK	0.61, 0.00, 0.32, 0.57
HSL	149°, 44%, 30%
HSV	149°, 61%, 43%
XYZ	7.6595, 11.9239, 8.3764
YIQ	84.9770, -28.6970, -25.0890

Conversions

Conversions Part 2

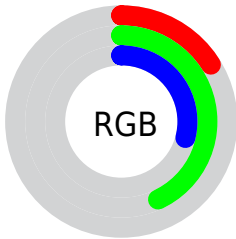
Format	Color
RYB	42, 87, 109
Decimal	2780490
CIELab	41.09, -30.13, 13.38
CIELCh	41, 32.967, 156.057
Yxy	11.9239, 0.2739, 0.4265
Android (android.graphics.Color)	4280970570 (0xFF2A6D4A)
YUV	84.9770, -5.4117, -37.6908
Hunter-Lab	34.5310, -20.8353, 9.7894

Details

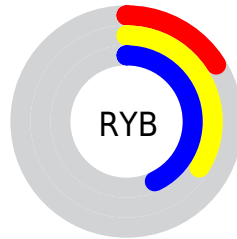
The Hex color **2A6D4A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6D2A4D**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **5EA17B**, and **003D1E** is the 20% darker color. If you saturate the color by 10%, you get **1F6D44**, and if you desaturate by 10%, it is **356D50**.

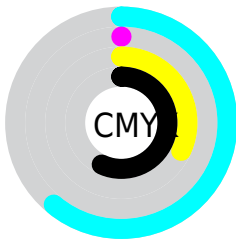
Distribution



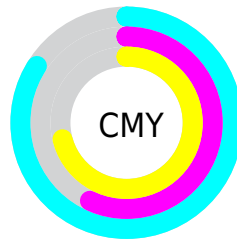
- Red (16%)
- Green (43%)
- Blue (29%)



- Red (16%)
- Yellow (34%)
- Blue (43%)



- Cyan (61%)
- Magenta (0%)
- Yellow (32%)
- Black (57%)



- Cyan (84%)
- Magenta (57%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A6D4A 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 2A6D4A by changing the saturation by 10% instead.

 2A6D4A

 2A6D4A

FFFFFF

 0B5433

 5EA17B

 003D1E

 79BC95

 002706

 94D8AF

 000700

 AFF5CB

 000000

 CBFEE7

 E8FFFF

 2A6D4A

 2A6D4A

 1F6D44

 356D50

■ 146D3F

■ 406D55

■ 096D39

■ 4B6D5B

■ 006D34

■ 566D61

■ 616D66

■ 6B6D6C

■ 766D72

■ 816D78

■ 8C6D7D

Harmonies

Analogous

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



4F6934



2A6D4A



006F66

Triad

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



2A6D4A



3D6297



914E42

Complementary

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



2A6D4A



6D2A4D

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.



934A5C



2A6D4A



6A588D

Square

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



2A6D4A



006A92



874E77



83582F

Rectangle

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



2A6D4A



006E78



874E77



934C4B

Sweetspot

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



2A6D4A



758F81



4E6D2A



38473F



C7C7C7



474747

Same Dimension

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



2A6D4A



258F58



2A6D6B



303633



007538



00F575

Inverse Universe

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



6D2A4D



8F255C



6D2A2C



363033



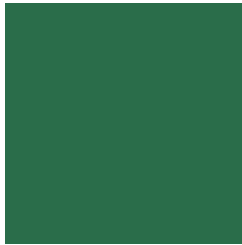
75003D



F50080

Previews

White Background



This preview shows how the Hex color 2A6D4A looks on a white background.

Color Contrast Check

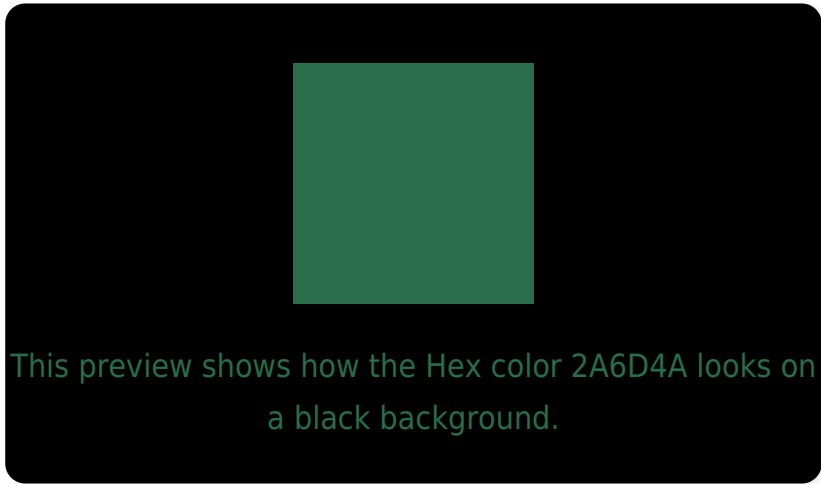
Large Text (above 18pt) WCAG AA ✓ Pass

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

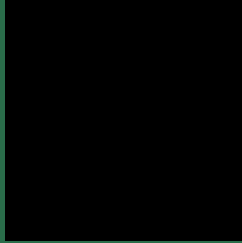
Any Text WCAG AA × Fail

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 2A6D4A Background



This preview shows how black text looks on a background with the Hex color 2A6D4A.



This preview shows how white text looks on a background with the Hex color 2A6D4A.

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
2A6D4A

Protanopia
686044

Deuteranopia
705D4E



Tritanopia
376871

Trichromacy



Original Color
2A6D4A

Protanomaly
516546

Deuteranomaly
57634D

Tritanomaly
326A63

Monochromacy



Original Color
2A6D4A

Achromatopsia
555555

Achromatomaly
455E51

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A6D4A 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 #2A6D4A looks like.

```
.text, #text, p{  
    color:#2A6D4A  
}
```

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 #2A6D4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A6D4A
}
```

Border

The CSS property to change the border of an element to Hex 2A6D4A 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".

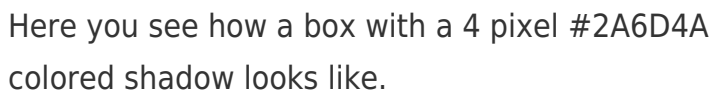
```
.border, #border, table{ border:4px solid
#2A6D4A }
```

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

```
.border{ border-color:#2A6D4A }
```

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

Here you see how a box with a 4 pixel #2A6D4A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A6D4A; -webkit-box-shadow:4px 4px  
4px 4px #2A6D4A; box-shadow:4px 4px 4px  
4px #2A6D4A }
```

Background

The CSS property to change the background color of an element to Hex 2A6D4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A6D4A }
```

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

```
.background{ background-color:#2A6D4A }
```

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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