

Converting Colors

Hex(2A6E4D)

Have a look what the booklet for
Hex(2A6E4D) contains.

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Color

Hex(2A6E4D)

Conversions

Conversions Part 1

Format	Color
Hex	2A6E4D
RGB	42, 110, 77
RGB Percent	16%, 43%, 30%
CMY	0.8353, 0.5686, 0.6980
CMYK	0.62, 0.00, 0.30, 0.57
HSL	151°, 45%, 30%
HSV	151°, 62%, 43%
XYZ	7.8703, 12.1799, 8.9573
YIQ	85.9060, -29.9350, -24.6790

Conversions

Conversions Part 2

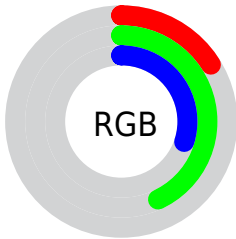
Format	Color
RYB	42, 87, 110
Decimal	2780749
CIELab	41.50, -29.92, 12.16
CIELCh	42, 32.291, 157.886
Yxy	12.1799, 0.2713, 0.4199
Android (android.graphics.Color)	4280970829 (0xFF2A6E4D)
YUV	85.9060, -4.3907, -38.5056
Hunter-Lab	34.8997, -20.8206, 9.2125

Details

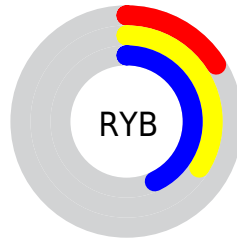
The Hex color **2A6E4D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6E2A4B**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **5EA27E**, and **003D21** is the 20% darker color. If you saturate the color by 10%, you get **1F6E48**, and if you desaturate by 10%, it is **356E52**.

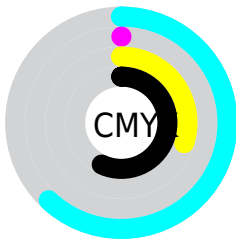
Distribution



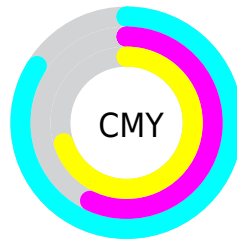
- Red (16%)
- Green (43%)
- Blue (30%)



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



- Cyan (62%)
- Magenta (0%)
- Yellow (30%)
- Black (57%)



- Cyan (84%)
- Magenta (57%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A6E4D 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 2A6E4D by changing the saturation by 10% instead.

 2A6E4D

 2A6E4D

FFFFFF

 0A5536

 5EA27E

 003D21

 79BD98

 00270B

 94D9B3

 000A00

 AFF6CE

 000000

 CBFEB

 E8FFFF

 2A6E4D

 2A6E4D

 1F6E48

 356E52

■ 146E42

■ 406E58

■ 096E3D

■ 4B6E5D

■ 006E39

■ 566E62

■ 616E68

■ 6C6E6D

■ 776E72

■ 826E78

■ 8D6E7D

Harmonies

Analogous

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



4F6A37



2A6E4D



007068

Triad

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



2A6E4D



436296



915043

Complementary

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



2A6E4D



6E2A4B

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.



944C5C



2A6E4D



6D588C

Square

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



2A6E4D



006A93



884F76



825931

Rectangle

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



2A6E4D



006F7A



884F76



934E4B

Sweetspot

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



2A6E4D



748F82



4C6E2A



37473F



C7C7C7



474747

Same Dimension

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



2A6E4D



258F5C



2A6E6E



323835



00783E



00F77F

Inverse Universe

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



6E2A4B



8F2558



6E2A2A



383235



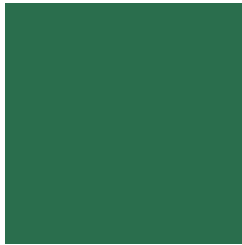
78003A



F70078

Previews

White Background



This preview shows how the Hex color 2A6E4D looks on a white background.

Color Contrast Check

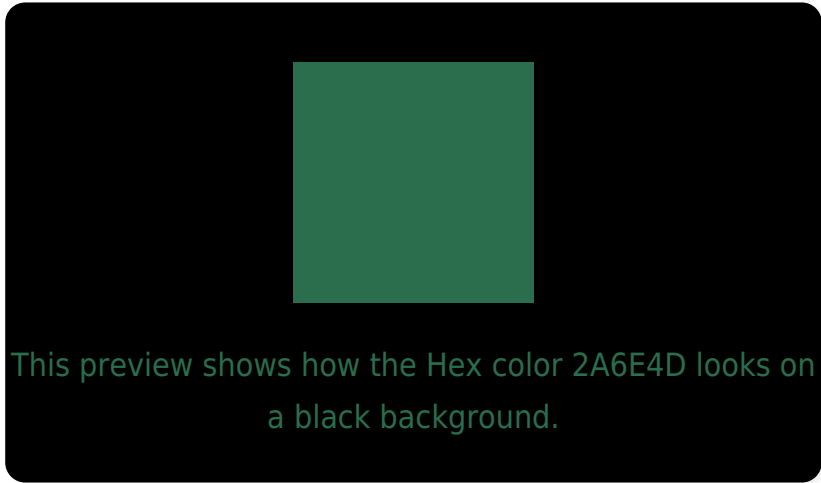
Large Text (above 18pt) WCAG AA ✓ Pass

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 2A6E4D Background



This preview shows how black text looks on a background with the Hex color 2A6E4D.



This preview shows how white text looks on a background with the Hex color 2A6E4D.

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
2A6E4D

Protanopia
696147

Deuteranopia
715E51



Tritanopia
366972

Trichromacy



Original Color
2A6E4D

Protanomaly
526649

Deuteranomaly
576450

Tritanomaly
326B65

Monochromacy



Original Color
2A6E4D

Achromatopsia
565656

Achromatomaly
465F53

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A6E4D 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 #2A6E4D looks like.

```
.text, #text, p{  
    color:#2A6E4D  
}
```

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 #2A6E4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A6E4D
}
```

Border

The CSS property to change the border of an element to Hex 2A6E4D 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
#2A6E4D }
```

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

```
.border{ border-color:#2A6E4D }
```

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

Here you see how a box with a 4 pixel #2A6E4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A6E4D; -webkit-box-shadow:4px 4px  
4px 4px #2A6E4D; box-shadow:4px 4px 4px  
4px #2A6E4D }
```

Background

The CSS property to change the background color of an element to Hex 2A6E4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A6E4D }
```

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

```
.background{ background-color:#2A6E4D }
```

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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