

Converting Colors

Hex(2A6F2A)

Have a look what the booklet for
Hex(2A6F2A) contains.

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Color

Hex(2A6F2A)

Conversions

Conversions Part 1

Format	Color
Hex	2A6F2A
RGB	42, 111, 42
RGB Percent	16%, 44%, 16%
CMY	0.8353, 0.5647, 0.8353
CMYK	0.62, 0.00, 0.62, 0.56
HSL	120°, 45%, 30%
HSV	120°, 62%, 44%
XYZ	7.0572, 12.0283, 4.1402
YIQ	82.5030, -18.9750, -36.0870

Conversions

Conversions Part 2

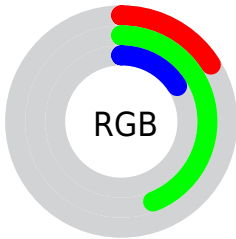
Format	Color
R_{YB}	42, 111, 111
Decimal	2780970
CIE _{Lab}	41.26, -36.66, 31.47
CIE _{LCh}	41, 48.318, 139.356
Yxy	12.0283, 0.3039, 0.5179
Android (android.graphics.Color)	4280971050 (0xFF2A6F2A)
YUV	82.5030, -19.9680, -35.5211
Hunter-Lab	34.6818, -24.3713, 17.1994

Details

The Hex color **2A6F2A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6F2A6F**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **60A35A**, and **003E00** is the 20% darker color. If you saturate the color by 10%, you get **1F6F1F**, and if you desaturate by 10%, it is **356F35**.

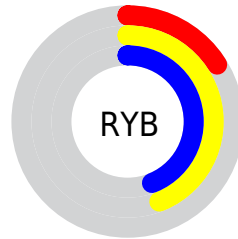
Distribution



Red (16%)

Green (44%)

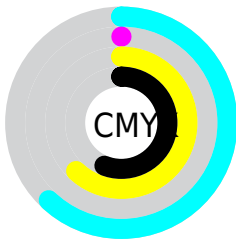
Blue (16%)



Red (16%)

Yellow (44%)

Blue (44%)

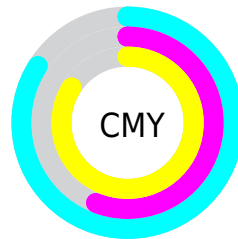


Cyan (62%)

Magenta (0%)

Yellow (62%)

Black (56%)



Cyan (84%)

Magenta (56%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A6F2A 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 2A6F2A by changing the saturation by 10% instead.



2A6F2A



2A6F2A

FFFFFF



085612



60A35A



003E00



7ABF73



002800



95DB8D



000900



B1F8A8



000000



CDFFC3



EAFFE0



FFFFFC



2A6F2A



2A6F2A

■ 1F6F1F

■ 356F35

■ 146F14

■ 406F40

■ 096F09

■ 4B6F4B

■ 006F00

■ 566F56

■ 626F62

■ 6D6F6D

■ 786F78

■ 836F83

■ 8E6F8E

Harmonies

Analogous

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



5C6707



2A6F2A



007351

Triad

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



2A6F2A



006AAF



A83C49

Complementary

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



2A6F2A



6F2A6F

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.



A13C71



2A6F2A



445DAD

Square

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



2A6F2A



00719D



834B95



9B4A26

Rectangle

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



2A6F2A



00746D



834B95



A83A57

Sweetspot

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



2A6F2A



769176



6F6F2A



394A39



C9C9C9



4A4A4A

Same Dimension

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



2A6F2A



249124



2A6F4D



323832



007800



00F700

Inverse Universe

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



6F2A6F



912491



6F2A4D



383238



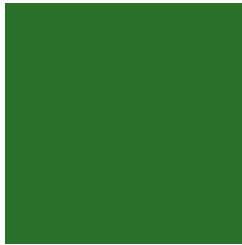
780078



F700F7

Previews

White Background



This preview shows how the Hex color 2A6F2A looks on a white background.

Color Contrast Check

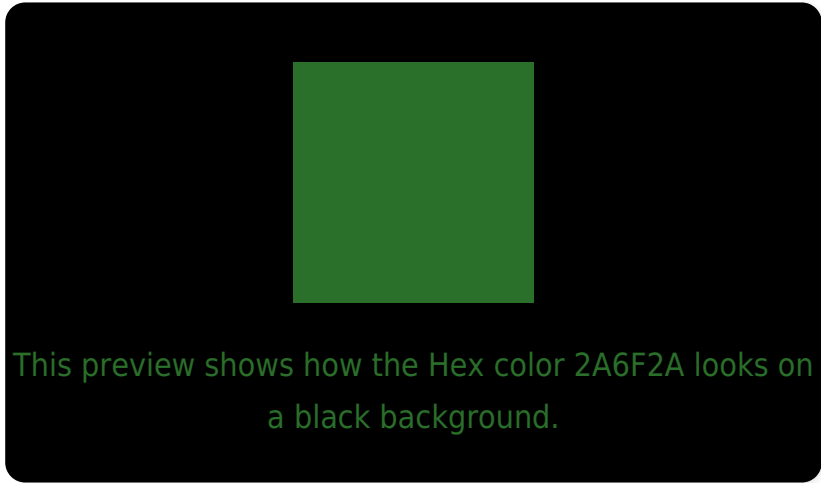
Large Text (above 18pt) WCAG AA ✓ Pass

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

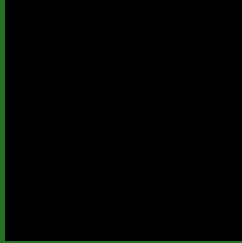
Any Text WCAG AA × Fail

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 2A6F2A Background



This preview shows how black text looks on a background with the Hex color 2A6F2A.



This preview shows how white text looks on a background with the Hex color 2A6F2A.

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
2A6F2A

Protanopia
6C6126

Deuteranopia
775C30



Tritanopia
3B6870

Trichromacy



Original Color
2A6F2A

Protanomaly
546627

Deuteranomaly
5B632E

Tritanomaly
356B57

Monochromacy



Original Color
2A6F2A

Achromatopsia
535353

Achromatomaly
445D44

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A6F2A 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 #2A6F2A looks like.

```
.text, #text, p{  
    color:#2A6F2A  
}
```

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 #2A6F2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A6F2A
}
```

Border

The CSS property to change the border of an element to Hex 2A6F2A 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
#2A6F2A }
```

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

```
.border{ border-color:#2A6F2A }
```

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

Here you see how a box with a 4 pixel #2A6F2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A6F2A; -webkit-box-shadow:4px 4px  
4px 4px #2A6F2A; box-shadow:4px 4px 4px  
4px #2A6F2A }
```

Background

The CSS property to change the background color of an element to Hex 2A6F2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A6F2A }
```

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

```
.background{ background-color:#2A6F2A }
```

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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