

Converting Colors

Hex(2A751D)

Have a look what the booklet for
Hex(2A751D) contains.

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Color

Hex(2A751D)

Conversions

Conversions Part 1

Format	Color
Hex	2A751D
RGB	42, 117, 29
RGB Percent	16%, 46%, 11%
CMY	0.8353, 0.5412, 0.8863
CMYK	0.64, 0.00, 0.75, 0.54
HSL	111°, 60%, 29%
HSV	111°, 75%, 46%
XYZ	7.5379, 13.3035, 3.3329
YIQ	84.5430, -16.4520, -43.2680

Conversions

Conversions Part 2

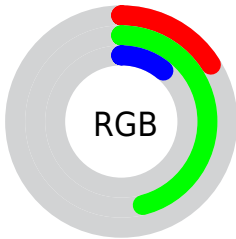
Format	Color
R_{YB}	29, 117, 104
Decimal	2782493
CIE _{Lab}	43.22, -40.43, 39.54
CIE _{LCh}	43, 56.545, 135.639
Yxy	13.3035, 0.3118, 0.5503
Android (android.graphics.Color)	4280972573 (0xFF2A751D)
YUV	84.5430, -27.3827, -37.3102
Hunter-Lab	36.4740, -26.9398, 20.1140

Details

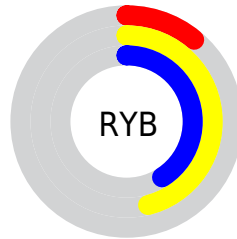
The Hex color **2A751D** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **681D75**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **61AA4F**, and **004300** is the 20% darker color. If you saturate the color by 10%, you get **207511**, and if you desaturate by 10%, it is **347529**.

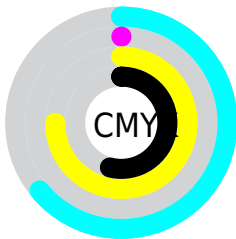
Distribution



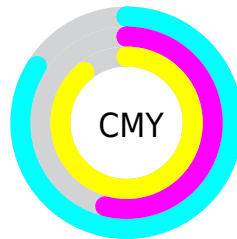
- Red (16%)
- Green (46%)
- Blue (11%)



- Red (11%)
- Yellow (46%)
- Blue (41%)



- Cyan (64%)
- Magenta (0%)
- Yellow (75%)
- Black (54%)



- Cyan (84%)
- Magenta (54%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A751D 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 2A751D by changing the saturation by 10% instead.

 2A751D

 2A751D

FFFFFF

 035C00

 61AA4F

 004300

 7DC668

 002D00

 98E282

 001300

 B4FF9D

 000000

 D1FFB8

 EEFFD4

 FFFFF1

 2A751D

 2A751D

■ 207511

■ 347529

■ 167506

■ 3E7534

■ 117500

■ 487540

■ 52754C

■ 5C7558

■ 667563

■ 70756F

■ 7A757B

■ 847586

Harmonies

Analogous

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



656B00



2A751D



007A4D

Triad

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



2A751D



0072C1



B93450

Complementary

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



2A751D



681D75

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.



AE377F



2A751D



2A63C1

Square

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



2A751D



0079A8



864DA8



AC4724

Rectangle

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



2A751D



007B6E



864DA8



B8325F

Sweetspot

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



2A751D



7B9976



75681D



3A4D37



CCCCCC



4D4D4D

Same Dimension

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



2A751D



24990F



1D753C



363B35



127A00



25FA00

Inverse Universe

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



681D75



850F99



751D56



3A353B



68007A



D500FA

Previews

White Background



This preview shows how the Hex color 2A751D looks on a white background.

Color Contrast Check

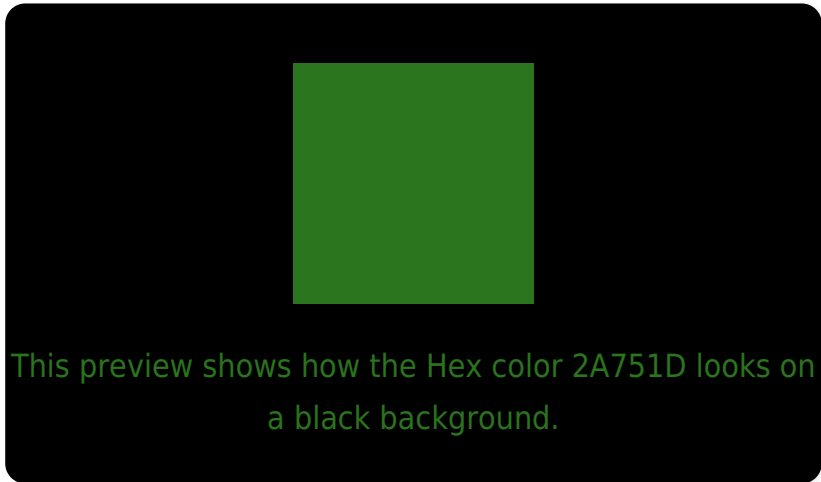
Large Text (above 18pt) WCAG AA ✓ Pass

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

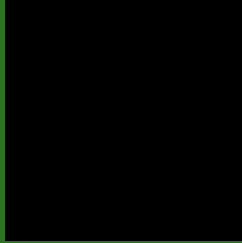
Any Text WCAG AA × Fail

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 2A751D Background



This preview shows how black text looks on a background with the Hex color 2A751D.



This preview shows how white text looks on a background with the Hex color 2A751D.

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
2A751D

Protanopia
726619

Deuteranopia
7F6125



Tritanopia
3E6D76

Trichromacy



Original Color
2A751D

Protanomaly
586B1A

Deuteranomaly
606822

Tritanomaly
377056

Monochromacy



Original Color
2A751D

Achromatopsia
555555

Achromatomaly
456141

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A751D 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 #2A751D looks like.

```
.text, #text, p{  
    color:#2A751D  
}
```

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 #2A751D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A751D
}
```

Border

The CSS property to change the border of an element to Hex 2A751D 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".

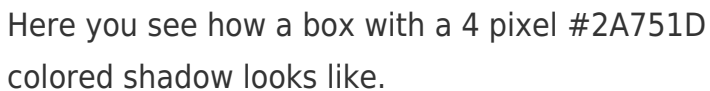
```
.border, #border, table{ border:4px solid
#2A751D }
```

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

```
.border{ border-color:#2A751D }
```

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

Here you see how a box with a 4 pixel #2A751D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A751D; -webkit-box-shadow:4px 4px  
4px 4px #2A751D; box-shadow:4px 4px 4px  
4px #2A751D }
```

Background

The CSS property to change the background color of an element to Hex 2A751D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A751D }
```

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

```
.background{ background-color:#2A751D }
```

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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