

Converting Colors

Hex(2A4D1B)

Have a look what the booklet for
Hex(2A4D1B) contains.

Hex(2A4D1B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2A4D1B)

Conversions

Conversions Part 1

Format	Color
Hex	2A4D1B
RGB	42, 77, 27
RGB Percent	16%, 30%, 11%
CMY	0.8353, 0.6980, 0.8941
CMYK	0.45, 0.00, 0.65, 0.70
HSL	102°, 48%, 20%
HSV	102°, 65%, 30%
XYZ	3.8066, 5.8791, 1.9711
YIQ	60.8350, -4.8100, -22.9700

Conversions

Conversions Part 2

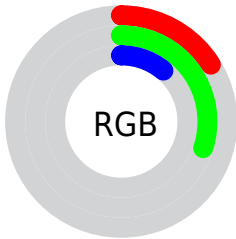
Format	Color
RYB	27, 77, 62
Decimal	2772251
CIELab	29.11, -23.35, 25.25
CIElCh	29, 34.396, 132.760
Yxy	5.8791, 0.3266, 0.5044
Android (android.graphics.Color)	4280962331 (0xFF2A4D1B)
YUV	60.8350, -16.6807, -16.5183
Hunter-Lab	24.2469, -14.4092, 12.1531

Details

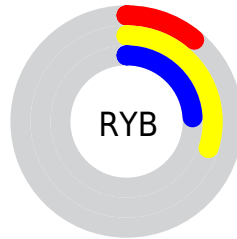
The Hex color **2A4D1B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **3E1B4D**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **5A7E49**, and **002100** is the 20% darker color. If you saturate the color by 10%, you get **254D13**, and if you desaturate by 10%, it is **2F4D23**.

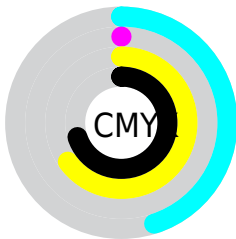
Distribution



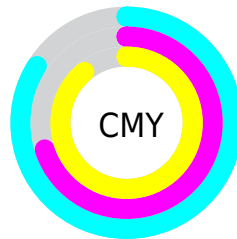
- Red (16%)
- Green (30%)
- Blue (11%)



- Red (11%)
- Yellow (30%)
- Blue (24%)



- Cyan (45%)
- Magenta (0%)
- Yellow (65%)
- Black (70%)



- Cyan (84%)
- Magenta (70%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A4D1B 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 2A4D1B by changing the saturation by 10% instead.

 2A4D1B

 2A4D1B

FFFFFF

 133603

 5A7E49

 002100

 749861

 000000

 8EB37A

 A9CF94

 C4EBAF

 E1FFCA

 FDFFE7

 2A4D1B

 2A4D1B

■ 254D13

■ 2F4D23

■ 1F4D0C

■ 354D2A

■ 1A4D04

■ 3A4D32

■ 174D00

■ 404D3A

■ 454D42

■ 4A4D49

■ 504D51

■ 554D59

■ 5B4D60

Harmonies

Analogous

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



48470B



2A4D1B



005034

Triad

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



2A4D1B



004C77



752C3A

Complementary

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



2A4D1B



3E1B4D

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.



6D2E55



2A4D1B



264479

Square

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



2A4D1B



005068



55396C



6F3322

Rectangle

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



2A4D1B



005146



55396C



742B43

Sweetspot

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



2A4D1B



566351



4D3E1B



2B3327



B3B3B3



333333

Same Dimension

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



2A4D1B



2D6316



1B4D25



242622



1F6600



45E600

Inverse Universe

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



3E1B4D



4C1663



4D1B43



252226



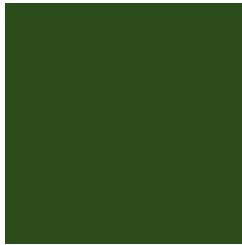
470066



A100E6

Previews

White Background



This preview shows how the Hex color 2A4D1B looks on a white background.

Color Contrast Check

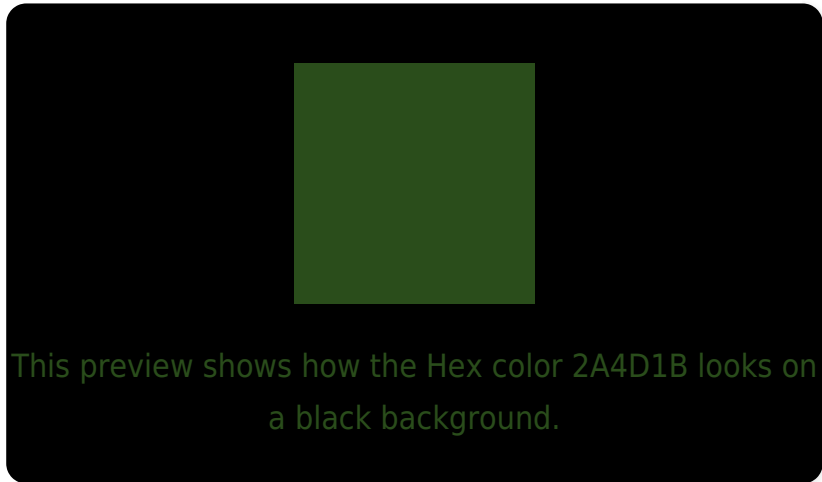
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

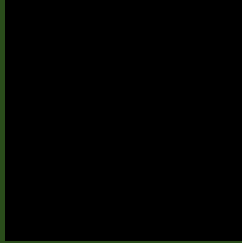
Any Text WCAG AA × Fail

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 2A4D1B Background



This preview shows how black text looks on a background with the Hex color 2A4D1B.



This preview shows how white text looks on a background with the Hex color 2A4D1B.

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
2A4D1B

Protanopia
4C4519

Deuteranopia
55411F



Tritanopia
33484E

Trichromacy



Original Color
2A4D1B

Protanomaly
40481A

Deuteranomaly
45451E

Tritanomaly
304A3B

Monochromacy



Original Color
2A4D1B

Achromatopsia
3D3D3D

Achromatomaly
364331

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A4D1B 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 #2A4D1B looks like.

```
.text, #text, p{  
    color:#2A4D1B  
}
```

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 #2A4D1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A4D1B
}
```

Border

The CSS property to change the border of an element to Hex 2A4D1B 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
#2A4D1B }
```

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

```
.border{ border-color:#2A4D1B }
```

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

Here you see how a box with a 4 pixel #2A4D1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A4D1B; -webkit-box-shadow:4px 4px  
4px 4px #2A4D1B; box-shadow:4px 4px 4px  
4px #2A4D1B }
```

Background

The CSS property to change the background color of an element to Hex 2A4D1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A4D1B }
```

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

```
.background{ background-color:#2A4D1B }
```

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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