

# Converting Colors

Hex(2A4619)

Have a look what the booklet for  
Hex(2A4619) contains.

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# Color

Hex(2A4619)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2A4619
RGB	42, 70, 25
RGB Percent	16%, 27%, 10%
CMY	0.8353, 0.7255, 0.9020
CMYK	0.40, 0.00, 0.64, 0.73
HSL	97°, 47%, 19%
HSV	97°, 64%, 27%
XYZ	3.3205, 4.9427, 1.6987
YIQ	56.4980, -2.2430, -19.9310

# Conversions

## Conversions Part 2

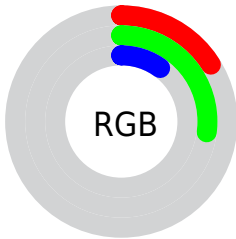
<b>Format</b>	<b>Color</b>
<b>RYB</b>	25, 70, 53
Decimal	2770457
CIELab	26.57, -20.04, 23.42
CIELCh	27, 30.829, 130.554
Yxy	4.9427, 0.3333, 0.4962
Android (android.graphics.Color)	4280960537 (0xFF2A4619)
YUV	56.4980, -15.5285, -12.7147
Hunter-Lab	22.2323, -12.2469, 11.0323

# Details

The Hex color **2A4619** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **351946**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **5A7746**, and **001C00** is the 20% darker color. If you saturate the color by 10%, you get **264612**, and if you desaturate by 10%, it is **2E4620**.

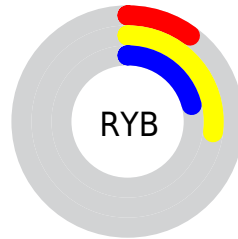
# Distribution



Red (16%)

Green (27%)

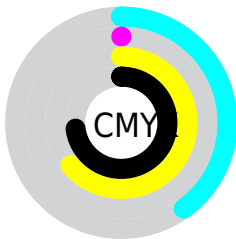
Blue (10%)



Red (10%)

Yellow (27%)

Blue (21%)

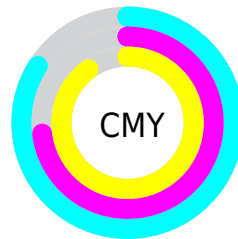


Cyan (40%)

Magenta (0%)

Yellow (64%)

Black (73%)



Cyan (84%)

Magenta (73%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2A4619 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 2A4619 by changing the saturation by 10% instead.





2A4619



2A4619

FFFFFF



142F00



5A7746



001C00



73905E



000000



8DAB77



A7C691



C3E2AC



DFFFC7



FCFFE3



2A4619



2A4619

■ 264612

■ 2E4620

■ 21460B

■ 334627

■ 1D4604

■ 37462E

■ 1A4600

■ 3B4635

■ 40463C

■ 444643

■ 48464A

■ 4D4651

■ 514658

# Harmonies

## Analogous

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



44400C



2A4619



00492E

# Triad

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



2A4619



00466B



6A2937

# Complementary

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



2A4619



351946

# 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.



622C4F



2A4619



213F6D

# Square

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



2A4619



00495D



4B3563



662F21

# Rectangle

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



2A4619



004A3F



4B3563



69293F



# Sweetspot

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



2A4619



515C4A



463519



272E23



ADADAD



2E2E2E



# Same Dimension

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



2A4619



305C15



19461E



212420



266300



56E300



# Inverse Universe

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



351946



41155C



461941



222024



3E0063

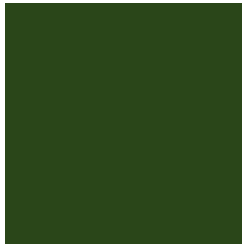


8D00E3



# Previews

## White Background



This preview shows how the Hex color 2A4619 looks on a white background.

## Color Contrast Check

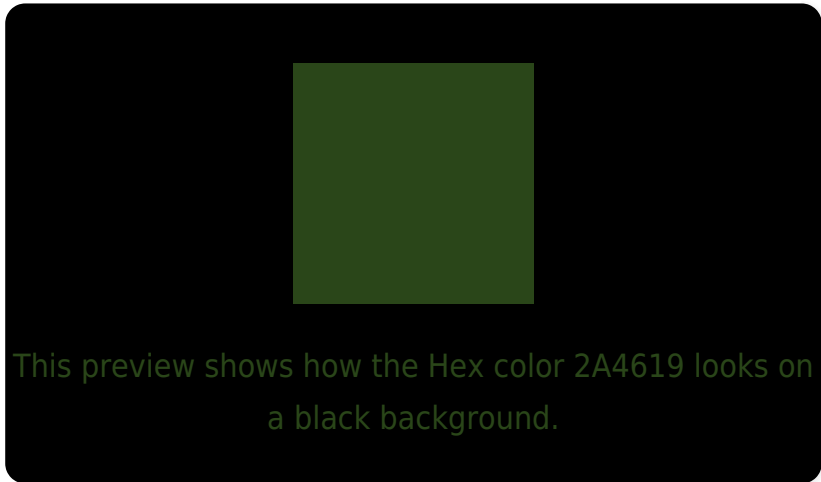
Large Text (above 18pt) WCAG AA ✓ Pass

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

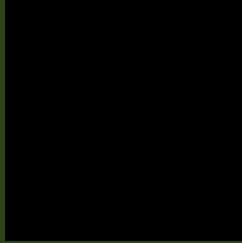
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2A4619 Background



This preview shows how black text looks on a background with the Hex color 2A4619.



This preview shows how white text looks on a background with the Hex color 2A4619.

# 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**  
2A4619

**Protanopia**  
463F17

**Deuteranopia**  
4E3C1C



**Tritanopia**  
314247

# Trichromacy



**Original Color**  
2A4619

**Protanomaly**  
3C4218

**Deuteranomaly**  
41401B

**Tritanomaly**  
2E4336

# Monochromacy



**Original Color**  
2A4619

**Achromatopsia**  
383838

**Achromatomaly**  
333D2D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2A4619 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 #2A4619 looks like.

```
.text, #text, p{  
    color:#2A4619  
}
```

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 #2A4619 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A4619
}
```

## Border

The CSS property to change the border of an element to Hex 2A4619 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
#2A4619 }
```

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

```
.border{ border-color:#2A4619 }
```

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

Here you see how a box with a 4 pixel #2A4619 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A4619; -webkit-box-shadow:4px 4px  
4px 4px #2A4619; box-shadow:4px 4px 4px  
4px #2A4619 }
```

# Background

The CSS property to change the background color of an element to Hex 2A4619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A4619 }
```

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

```
.background{ background-color:#2A4619 }
```

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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