

Converting Colors

Hex(2A4739)

Have a look what the booklet for
Hex(2A4739) contains.

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Color

Hex(2A4739)

Conversions

Conversions Part 1

Format	Color
Hex	2A4739
RGB	42, 71, 57
RGB Percent	16%, 28%, 22%
CMY	0.8353, 0.7216, 0.7765
CMYK	0.41, 0.00, 0.20, 0.72
HSL	151°, 26%, 22%
HSV	151°, 41%, 28%
XYZ	3.9466, 5.2941, 4.6848
YIQ	60.7330, -12.7900, -10.5020

Conversions

Conversions Part 2

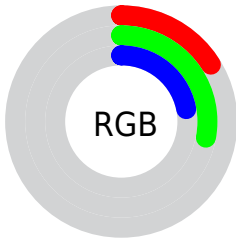
Format	Color
R_{YB}	42, 61, 71
Decimal	2770745
CIE Lab	27.56, -14.60, 5.02
CIE LCh	28, 15.442, 161.044
Yxy	5.2941, 0.2834, 0.3802
Android (android.graphics.Color)	4280960825 (0xFF2A4739)
YUV	60.7330, -1.8404, -16.4288
Hunter-Lab	23.0090, -9.6486, 4.0345




Details

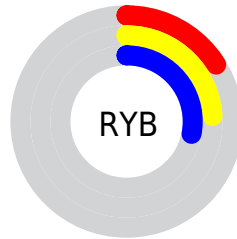
The Hex color **2A4739** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **472A38**, and the grayscale version is **3D3D3D**.




A 20% lighter version of the original color is **597868**, and **001C0E** is the 20% darker color. If you saturate the color by 10%, you get **234736**, and if you desaturate by 10%, it is **31473C**.

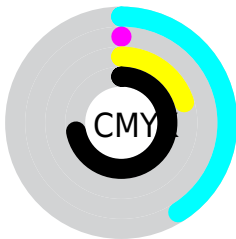
Distribution







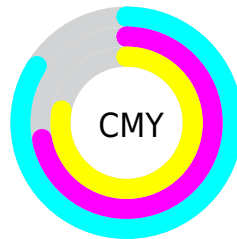
-  Red (16%)
-  Green (28%)
-  Blue (22%)






-  Red (16%)
-  Yellow (24%)
-  Blue (28%)



-  Cyan (41%)
-  Magenta (0%)
-  Yellow (20%)
-  Black (72%)



-  Cyan (84%)
-  Magenta (72%)
-  Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A4739 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 2A4739 by changing the saturation by 10% instead.

 2A4739

 2A4739

FFFFFF

 143023

 597868

 001C0E

 729181

 000000

 8BAC9B

 A6C7B6

 C1E3D1

 DDFEE

 FAFFFF

 2A4739

 2A4739

■ 234736

■ 31473C

■ 1C4732

■ 384740

■ 15472F

■ 3F4743

■ 0E472B

■ 464747

■ 064728

■ 4E474A

■ 004725

■ 55474E

■ 5C4751

■ 634754

■ 6A4758

Harmonies

Analogous

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



38452F



2A4739



1E4845

Triad

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



2A4739



384158



573A32

Complementary

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



2A4739



472A38

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.



59383D



2A4739



483C53

Square

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



2A4739



274457



543949



503E2B

Rectangle

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



2A4739



1B474D



543949



583935

Sweetspot

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



2A4739



515C56



38472A



272E2B



ADADAD



2E2E2E

Same Dimension

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



2A4739



2F5C46



2A4747



202422



006333



00E375

Inverse Universe

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



472A38



5C2F45



472A2A



242022



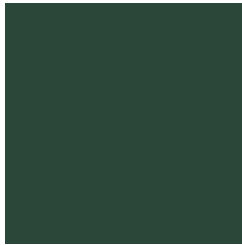
630030



E3006E

Previews

White Background



This preview shows how the Hex color 2A4739 looks on a white background.

Color Contrast Check

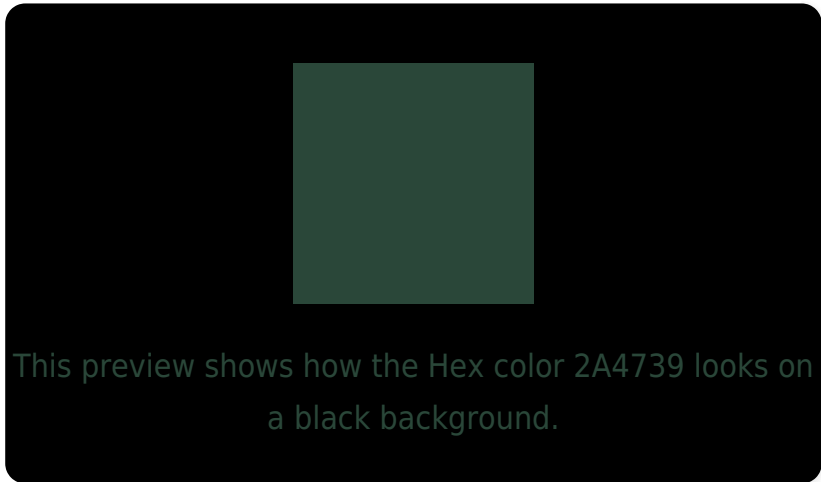
Large Text (above 18pt) WCAG AA ✓ Pass

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

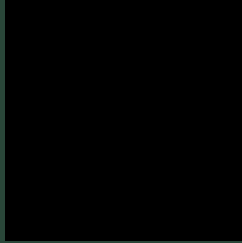
Any Text WCAG AA × Fail

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 2A4739 Background



This preview shows how black text looks on a background with the Hex color 2A4739.

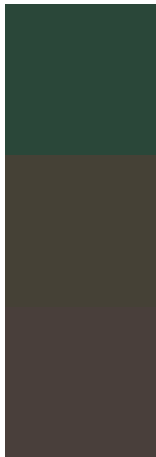


This preview shows how white text looks on a background with the Hex color 2A4739.

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](#).

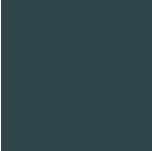
Dichromacy



Original Color
2A4739

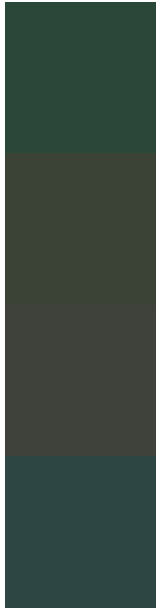
Protanopia
454136

Deuteranopia
493F3B



Tritanopia
2E454A

Trichromacy



Original Color
2A4739

Protanomaly
3B4337

Deuteranomaly
3E423A

Tritanomaly
2D4644

Monochromacy



Original Color
2A4739

Achromatopsia
3D3D3D

Achromatomaly
36413C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A4739 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 #2A4739 looks like.

```
.text, #text, p{  
    color:#2A4739  
}
```

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 #2A4739 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A4739
}
```

Border

The CSS property to change the border of an element to Hex 2A4739 is called "border". The border property can be set on classes, ids or directly on the HTML element.

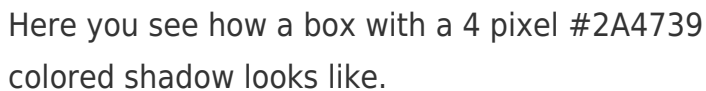
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A4739 }
```

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

```
.border{ border-color:#2A4739 }
```

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



Here you see how a box with a 4 pixel #2A4739 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A4739; -webkit-box-shadow:4px 4px  
4px 4px #2A4739; box-shadow:4px 4px 4px  
4px #2A4739 }
```

Background

The CSS property to change the background color of an element to Hex 2A4739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A4739 }
```

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

```
.background{ background-color:#2A4739 }
```

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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