

Converting Colors

Hex(2A4E39)

Have a look what the booklet for
Hex(2A4E39) contains.

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Color

Hex(2A4E39)

Conversions

Conversions Part 1

Format	Color
Hex	2A4E39
RGB	42, 78, 57
RGB Percent	16%, 31%, 22%
CMY	0.8353, 0.6941, 0.7765
CMYK	0.46, 0.00, 0.27, 0.69
HSL	145°, 30%, 24%
HSV	145°, 46%, 31%
XYZ	4.4178, 6.2364, 4.8418
YIQ	64.8420, -14.7150, -14.1630

Conversions

Conversions Part 2

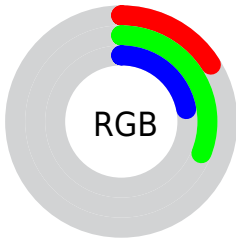
Format	Color
R_{YB}	42, 67, 78
Decimal	2772537
CIE Lab	30.00, -18.51, 8.46
CIE LCh	30, 20.349, 155.445
Yxy	6.2364, 0.2851, 0.4025
Android (android.graphics.Color)	4280962617 (0xFF2A4E39)
YUV	64.8420, -3.8661, -20.0324
Hunter-Lab	24.9728, -12.1254, 5.9857

Details

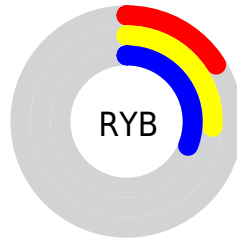
The Hex color **2A4E39** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4E2A3F**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **5A7F68**, and **00210E** is the 20% darker color. If you saturate the color by 10%, you get **224E34**, and if you desaturate by 10%, it is **324E3E**.

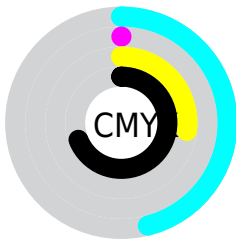
Distribution



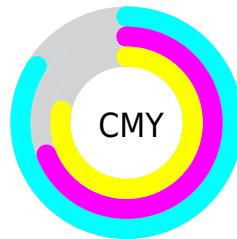
- Red (16%)
- Green (31%)
- Blue (22%)



- Red (16%)
- Yellow (26%)
- Blue (31%)



- Cyan (46%)
- Magenta (0%)
- Yellow (27%)
- Black (69%)



- Cyan (84%)
- Magenta (69%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2A4E39 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 2A4E39 by changing the saturation by 10% instead.

 2A4E39

 2A4E39

FFFFFF

 133723

 5A7F68

 00210E

 739981

 000000

 8DB49B

 A7D0B6

 C3ECD2

 DFFFEE

 FCFFFF

 2A4E39

 2A4E39

■ 224E34

■ 324E3E

■ 1A4E30

■ 3A4E42

■ 134E2B

■ 414E47

■ 0B4E27

■ 494E4B

■ 034E22

■ 514E50

■ 004E21

■ 594E54

■ 614E59

■ 684E5D

■ 704E62

Harmonies

Analogous

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



3D4B2C



2A4E39



144F49

Triad

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



2A4E39



344766



643C35

Complementary

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



2A4E39



4E2A3F

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.



653A44



2A4E39



4C4160

Square

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



2A4E39



184C63



5D3C54



5C412A

Rectangle

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



2A4E39



044F54



5D3C54



653B3A

Sweetspot

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



2A4E39



58665E



3F4E2A



2A332E



B3B3B3



333333

Same Dimension

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



2A4E39



2E6645



2A4E4B



222624



00662B



00E660

Inverse Universe

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



4E2A3F



662E4F



4E2A2D



262225



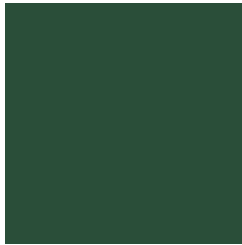
66003B



E60086

Previews

White Background



This preview shows how the Hex color 2A4E39 looks on a white background.

Color Contrast Check

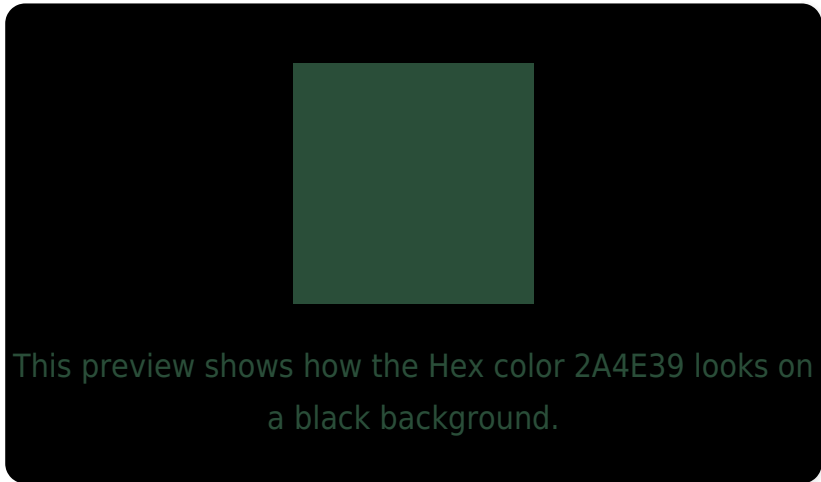
Large Text (above 18pt) WCAG AA ✓ Pass

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

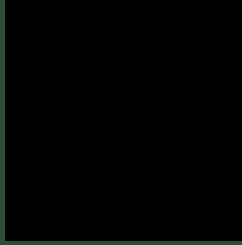
Any Text WCAG AA × Fail

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 2A4E39 Background



This preview shows how black text looks on a background with the Hex color 2A4E39.



This preview shows how white text looks on a background with the Hex color 2A4E39.

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
2A4E39

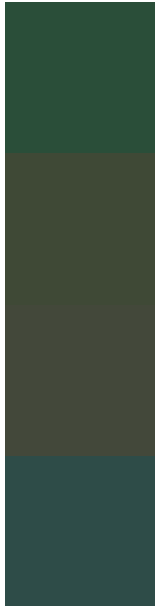
Protanopia
4B4635

Deuteranopia
51443B



Tritanopia
304B51

Trichromacy



Original Color
2A4E39

Protanomaly
3F4936

Deuteranomaly
43483A

Tritanomaly
2E4C48

Monochromacy



Original Color
2A4E39

Achromatopsia
414141

Achromatomaly
39463E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A4E39 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 #2A4E39 looks like.

```
.text, #text, p{  
    color:#2A4E39  
}
```

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 #2A4E39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A4E39
}
```

Border

The CSS property to change the border of an element to Hex 2A4E39 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
#2A4E39 }
```

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

```
.border{ border-color:#2A4E39 }
```

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

Here you see how a box with a 4 pixel #2A4E39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A4E39; -webkit-box-shadow:4px 4px  
4px 4px #2A4E39; box-shadow:4px 4px 4px  
4px #2A4E39 }
```

Background

The CSS property to change the background color of an element to Hex 2A4E39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A4E39 }
```

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

```
.background{ background-color:#2A4E39 }
```

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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