

Converting Colors

Hex(2A4B49)

Have a look what the booklet for
Hex(2A4B49) contains.

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Color

Hex(2A4B49)

Conversions

Conversions Part 1

Format	Color
Hex	2A4B49
RGB	42, 75, 73
RGB Percent	16%, 29%, 29%
CMY	0.8353, 0.7059, 0.7137
CMYK	0.44, 0.00, 0.03, 0.71
HSL	176°, 28%, 23%
HSV	176°, 44%, 29%
XYZ	4.6735, 6.0054, 7.2162
YIQ	64.9050, -19.0260, -7.6180

Conversions

Conversions Part 2

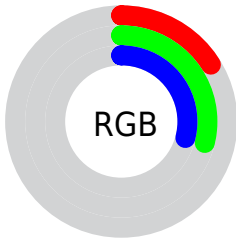
Format	Color
R _Y B	42, 59, 75
Decimal	2771785
CIE Lab	29.43, -12.63, -2.62
CIE LCh	29, 12.893, 191.705
Yxy	6.0054, 0.2612, 0.3356
Android (android.graphics.Color)	4280961865 (0xFF2A4B49)
YUV	64.9050, 3.9908, -20.0877
Hunter-Lab	24.5060, -8.8439, -0.3047




Details

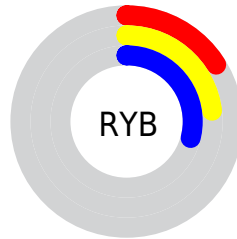
The Hex color **2A4B49** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4B2A2C**, and the grayscale version is **414141**.




A 20% lighter version of the original color is **5A7C79**, and **001F1E** is the 20% darker color. If you saturate the color by 10%, you get **234B49**, and if you desaturate by 10%, it is **314B49**.

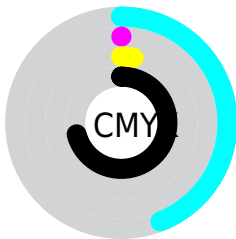
Distribution







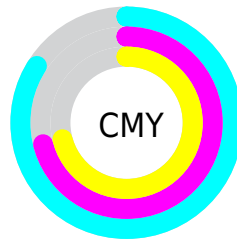
-  Red (16%)
-  Green (29%)
-  Blue (29%)






-  Red (16%)
-  Yellow (23%)
-  Blue (29%)



-  Cyan (44%)
-  Magenta (0%)
-  Yellow (3%)
-  Black (71%)



-  Cyan (84%)
-  Magenta (71%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A4B49 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 2A4B49 by changing the saturation by 10% instead.

■ 2A4B49

■ 2A4B49

FFFFFF

■ 133433

■ 5A7C79

■ 001F1E

■ 739693

■ 000004

■ 8DB1AE

■ 000000

■ A7CCC9

■ C3E8E5

■ DFFFFFF

■ FFFFFFF

■ 2A4B49

■ 2A4B49

■ 234B49

■ 314B49

■ 1B4B48

■ 394B4A

■ 144B48

■ 414B4A

■ 0C4B47

■ 484B4B

■ 054B47

■ 504B4B

■ 004B46

■ 574B4C

■ 5F4B4C

■ 664B4D

■ 6E4B4D

Harmonies

Analogous

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



324A3F



2A4B49



294A52

Triad

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



2A4B49



4C4154



524333

Complementary

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



2A4B49



4B2A2C

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.



584038



2A4B49



553F4C

Square

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



2A4B49



3F4559



5A3E42



494632

Rectangle

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



2A4B49



2E4957



5A3E42



554234

Sweetspot

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



2A4B49



546160



2C4B2A



293030



B0B0B0



303030

Same Dimension

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



2A4B49



2E615E



2A3D4B



222626



006660



00E6D8

Inverse Universe

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



4B2A2C



612E31



4B382A



262223



660006



E6000E

Previews

White Background



This preview shows how the Hex color 2A4B49 looks on a white background.

Color Contrast Check

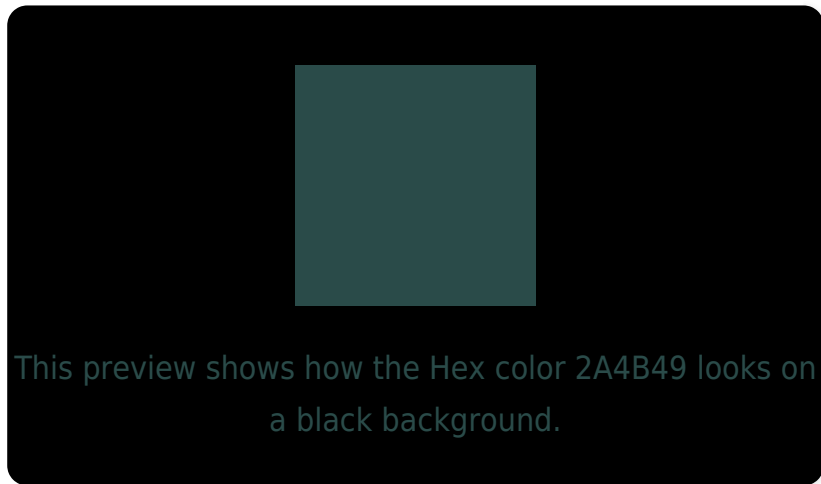
Large Text (above 18pt) WCAG AA ✓ Pass

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

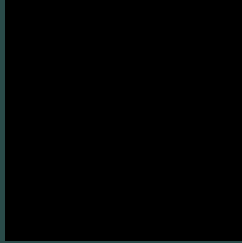
Any Text WCAG AA × Fail

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 2A4B49 Background



This preview shows how black text looks on a background with the Hex color 2A4B49.



This preview shows how white text looks on a background with the Hex color 2A4B49.

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
2A4B49

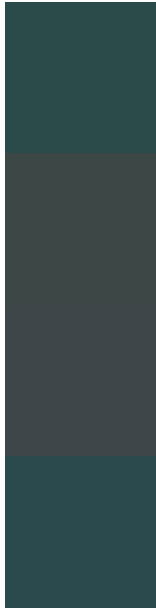
Protanopia
464545

Deuteranopia
49434B



Tritanopia
2C4A50

Trichromacy



Original Color
2A4B49

Protanomaly
3C4746

Deuteranomaly
3E464A

Tritanomaly
2B4A4D

Monochromacy



Original Color
2A4B49

Achromatopsia
414141

Achromatomaly
394544

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A4B49 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 #2A4B49 looks like.

```
.text, #text, p{  
    color:#2A4B49  
}
```

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 #2A4B49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A4B49
}
```

Border

The CSS property to change the border of an element to Hex 2A4B49 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
#2A4B49 }
```

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

```
.border{ border-color:#2A4B49 }
```

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

Here you see how a box with a 4 pixel #2A4B49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A4B49; -webkit-box-shadow:4px 4px  
4px 4px #2A4B49; box-shadow:4px 4px 4px  
4px #2A4B49 }
```

Background

The CSS property to change the background color of an element to Hex 2A4B49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A4B49 }
```

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

```
.background{ background-color:#2A4B49 }
```

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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