

Converting Colors

Hex(2A4C50)

Have a look what the booklet for
Hex(2A4C50) contains.

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Color

Hex(2A4C50)

Conversions

Conversions Part 1

Format	Color
Hex	2A4C50
RGB	42, 76, 80
RGB Percent	16%, 30%, 31%
CMY	0.8353, 0.7020, 0.6863
CMYK	0.48, 0.05, 0.00, 0.69
HSL	186°, 31%, 24%
HSV	186°, 48%, 31%
XYZ	4.9873, 6.2403, 8.5311
YIQ	66.2900, -21.5480, -5.9640

Conversions

Conversions Part 2

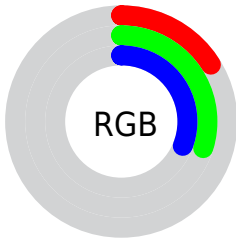
Format	Color
RYB	42, 60, 80
Decimal	2772048
CIELab	30.01, -11.13, -6.25
CIELCh	30, 12.770, 209.314
Yxy	6.2403, 0.2524, 0.3158
Android (android.graphics.Color)	4280962128 (0xFF2A4C50)
YUV	66.2900, 6.7590, -21.3023
Hunter-Lab	24.9806, -8.0794, -2.7615

Details

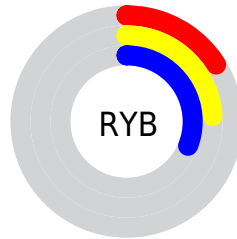
The Hex color **2A4C50** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **502E2A**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **5A7D81**, and **002024** is the 20% darker color. If you saturate the color by 10%, you get **224B50**, and if you desaturate by 10%, it is **324D50**.

Distribution



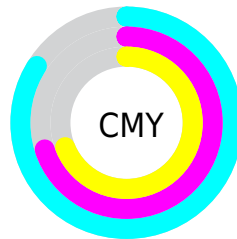
- Red (16%)
- Green (30%)
- Blue (31%)



- Red (16%)
- Yellow (24%)
- Blue (31%)



- Cyan (48%)
- Magenta (5%)
- Yellow (0%)
- Black (69%)



- Cyan (84%)
- Magenta (70%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A4C50 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 2A4C50 by changing the saturation by 10% instead.

■ 2A4C50

■ 2A4C50

FFFFFF

■ 123539

■ 5A7D81

■ 002024

■ 74979B

■ 00010F

■ 8EB2B6

■ 000000

■ A8CDD2

■ C4E9EE

■ E0FFFF

■ F0FFFF

■ 2A4C50

■ 2A4C50

■ 224B50

■ 324D50

■ 1A4A50

■ 3A4E50

■ 124950

■ 424F50

■ 0A4950

■ 4A4F50

■ 024850

■ 525050

■ 004850

■ 5A5150

■ 625250

■ 6A5350

■ 725450

Harmonies

Analogous

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



2E4C46



2A4C50



2F4A57

Triad

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



2A4C50



534151



4E4633

Complementary

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



2A4C50



502E2A

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.



574336



2A4C50



5A4047

Square

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



2A4C50



484458



5B403D



444935

Rectangle

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



2A4C50



36495A



5B403D



514533

Sweetspot

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



2A4C50



5A6769



2A502E



2C3536



B5B5B5



363636

Same Dimension

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



2A4C50



2D6269



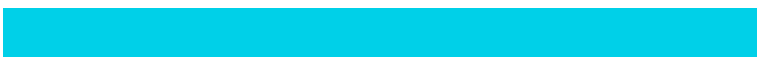
2A3950



252829



005E69



00D0E8

Inverse Universe

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



502A4C



692D62



50412A



292528



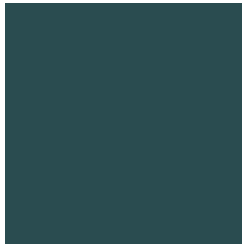
69005E



E800D0

Previews

White Background



This preview shows how the Hex color 2A4C50 looks on a white background.

Color Contrast Check

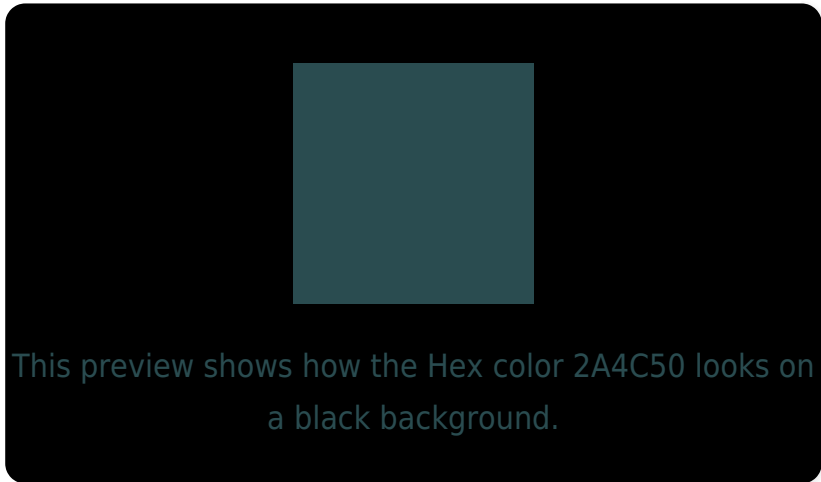
Large Text (above 18pt) WCAG AA ✓ Pass

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

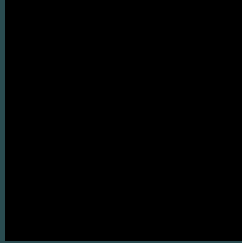
Any Text WCAG AA × Fail

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 2A4C50 Background



This preview shows how black text looks on a background with the Hex color 2A4C50.



This preview shows how white text looks on a background with the Hex color 2A4C50.

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

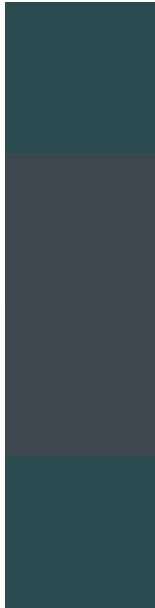


Original Color
2A4C50

Protanopia
46464C

Deuteranopia
484552

Trichromacy



Original Color
2A4C50

Protanomaly
3C484D

Deuteranomaly
3D4851

Tritanomaly
2B4C51

Monochromacy



Original Color
2A4C50

Achromatopsia
424242

Achromatomaly
394647

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A4C50 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 #2A4C50 looks like.

```
.text, #text, p{  
    color:#2A4C50  
}
```

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 #2A4C50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A4C50
}
```

Border

The CSS property to change the border of an element to Hex 2A4C50 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
#2A4C50 }
```

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

```
.border{ border-color:#2A4C50 }
```

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

Here you see how a box with a 4 pixel #2A4C50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A4C50; -webkit-box-shadow:4px 4px  
4px 4px #2A4C50; box-shadow:4px 4px 4px  
4px #2A4C50 }
```

Background

The CSS property to change the background color of an element to Hex 2A4C50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A4C50 }
```

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

```
.background{ background-color:#2A4C50 }
```

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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