

Converting Colors

Hex(2A4D4E)

Have a look what the booklet for
Hex(2A4D4E) contains.

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Color

Hex(2A4D4E)

Conversions

Conversions Part 1

Format	Color
Hex	2A4D4E
RGB	42, 77, 78
RGB Percent	16%, 30%, 31%
CMY	0.8353, 0.6980, 0.6941
CMYK	0.46, 0.01, 0.00, 0.69
HSL	182°, 30%, 24%
HSV	182°, 46%, 31%
XYZ	4.9839, 6.3501, 8.1707
YIQ	66.6490, -21.1810, -7.1090

Conversions

Conversions Part 2

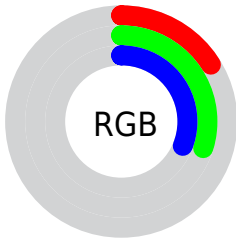
Format	Color
RYB	42, 60, 78
Decimal	2772302
CIELab	30.28, -12.33, -4.57
CIELCh	30, 13.151, 200.322
Yxy	6.3501, 0.2555, 0.3256
Android (android.graphics.Color)	4280962382 (0xFF2A4D4E)
YUV	66.6490, 5.5960, -21.6172
Hunter-Lab	25.1993, -8.7954, -1.5849




Details

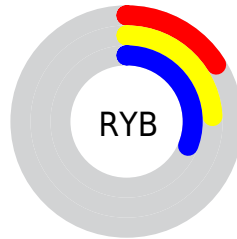
The Hex color **2A4D4E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4E2B2A**, and the grayscale version is **434343**.




A 20% lighter version of the original color is **5A7E7F**, and **002122** is the 20% darker color. If you saturate the color by 10%, you get **224D4E**, and if you desaturate by 10%, it is **324D4E**.

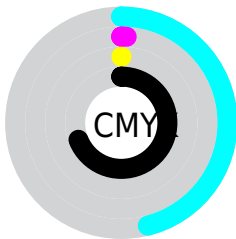
Distribution







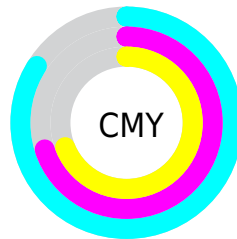
-  Red (16%)
-  Green (30%)
-  Blue (31%)






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



-  Cyan (46%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (69%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2A4D4E 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 2A4D4E by changing the saturation by 10% instead.

■ 2A4D4E

■ 2A4D4E

FFFFFF

■ 123637

■ 5A7E7F

■ 002122

■ 739899

■ 00020C

■ 8DB3B4

■ 000000

■ A8CECF

■ C4EBEB

■ E0FFFF

■ F0FFFF

■ 2A4D4E

■ 2A4D4E

■ 224D4E

■ 324D4E

■ 1A4D4E

■ 3A4D4E

■ 134C4E

■ 414E4E

■ 0B4C4E

■ 494E4E

■ 034C4E

■ 514E4E

■ 004C4E

■ 594E4E

■ 614F4E

■ 684F4E

■ 704F4E

Harmonies

Analogous

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



314D44



2A4D4E



2C4C57

Triad

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



2A4D4E



514254



524533

Complementary

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



2A4D4E



4E2B2A

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.



594238



2A4D4E



5A404B

Square

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



2A4D4E



45465A



5C4041



484934

Rectangle

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



2A4D4E



324A5A



5C4041



554434

Sweetspot

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



2A4D4E



586666



2A4E2B



2A3333



B3B3B3



333333

Same Dimension

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



2A4D4E



2E6466



2A3B4E



222626



006366



00DFE6

Inverse Universe

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



4E2A4D



662E64



4E3D2A



262226



660063



E600DF

Previews

White Background



This preview shows how the Hex color 2A4D4E looks on a white background.

Color Contrast Check

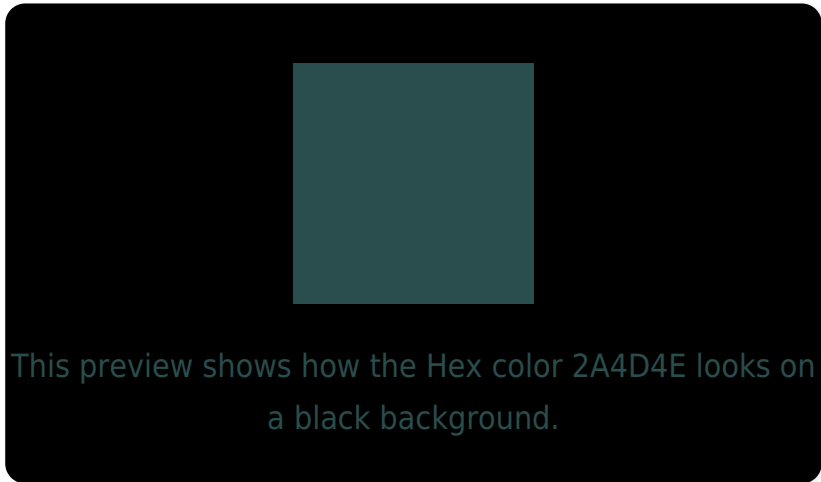
Large Text (above 18pt) WCAG AA ✓ Pass

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

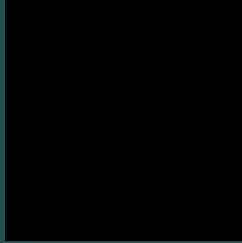
Any Text WCAG AA × Fail

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 2A4D4E Background



This preview shows how black text looks on a background with the Hex color 2A4D4E.



This preview shows how white text looks on a background with the Hex color 2A4D4E.

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

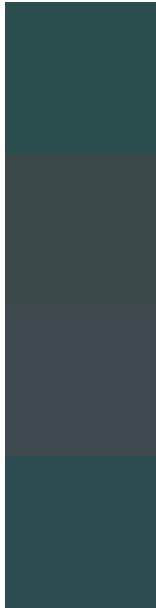


Original Color
2A4D4E

Protanopia
47474A

Deuteranopia
4A4550

Trichromacy



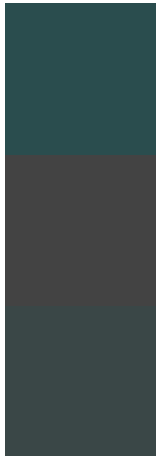
Original Color
2A4D4E

Protanomaly
3C494B

Deuteranomaly
3E484F

Tritanomaly
2B4C51

Monochromacy



Original Color
2A4D4E

Achromatopsia
434343

Achromatomaly
3A4747

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A4D4E 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 #2A4D4E looks like.

```
.text, #text, p{  
  color:#2A4D4E  
}
```

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 #2A4D4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A4D4E
}
```

Border

The CSS property to change the border of an element to Hex 2A4D4E 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
#2A4D4E }
```

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

```
.border{ border-color:#2A4D4E }
```

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

Here you see how a box with a 4 pixel #2A4D4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A4D4E; -webkit-box-shadow:4px 4px  
4px 4px #2A4D4E; box-shadow:4px 4px 4px  
4px #2A4D4E }
```

Background

The CSS property to change the background color of an element to Hex 2A4D4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A4D4E }
```

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

```
.background{ background-color:#2A4D4E }
```

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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