

# Converting Colors

Hex(2A4F4D)

Have a look what the booklet for  
Hex(2A4F4D) contains.

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# Color

Hex(2A4F4D)

# Conversions

## Conversions Part 1

Format	Color
Hex	2A4F4D
RGB	42, 79, 77
RGB Percent	16%, 31%, 30%
CMY	0.8353, 0.6902, 0.6980
CMYK	0.47, 0.00, 0.03, 0.69
HSL	177°, 31%, 24%
HSV	177°, 47%, 31%
XYZ	5.0904, 6.6200, 8.0307
YIQ	67.7090, -21.4100, -8.4660

# Conversions

## Conversions Part 2

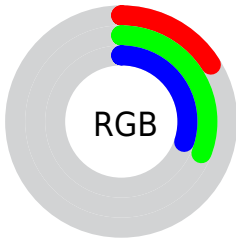
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 61, 79
Decimal	2772813
CIE <sub>Lab</sub>	30.93, -13.80, -2.97
CIE <sub>LCh</sub>	31, 14.112, 192.139
Yxy	6.6200, 0.2579, 0.3353
Android (android.graphics.Color)	4280962893 (0xFF2A4F4D)
YUV	67.7090, 4.5805, -22.5468
Hunter-Lab	25.7294, -9.7115, -0.4950

# Details

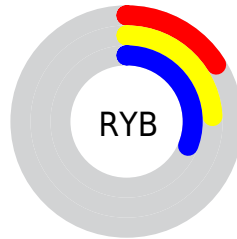
The Hex color **2A4F4D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4F2A2C**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **5A807E**, and **002221** is the 20% darker color. If you saturate the color by 10%, you get **224F4D**, and if you desaturate by 10%, it is **324F4D**.

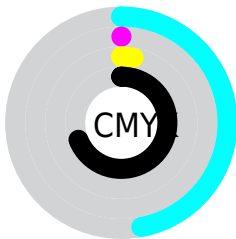
# Distribution



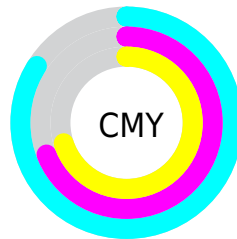
- Red (16%)
- Green (31%)
- Blue (30%)



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



- Cyan (47%)
- Magenta (0%)
- Yellow (3%)
- Black (69%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 2A4F4D 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 2A4F4D by changing the saturation by 10% instead.



■ 2A4F4D

■ 2A4F4D

FFFFFF

■ 123836

■ 5A807E

■ 002221

■ 749A98

■ 00070A

■ 8EB5B2

■ 000000

■ A8D1CE

■ C4EDEA

■ E0FFFF

■ F0FFFF

■ 2A4F4D

■ 2A4F4D

■ 224F4D

■ 324F4D

■ 1A4F4C

■ 3A4F4E

■ 124F4C

■ 424F4E

■ 0A4F4B

■ 4A4F4F

■ 024F4B

■ 524F4F

■ 004F4B

■ 594F50

■ 614F50

■ 694F50

■ 714F51

# Harmonies

## Analogous

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



334E42



2A4F4D



294E57

# Triad

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



2A4F4D



504459



574634

# Complementary

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



2A4F4D



4F2A2C

# 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.



5E433B



2A4F4D



5B4250

# Square

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



2A4F4D



41485E



5F4145



4C4A33

# Rectangle

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



2A4F4D



2E4D5C



5F4145



594536



# Sweetspot

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



2A4F4D



586665



2C4F2A



2A3333



B3B3B3



333333



# Same Dimension

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



2A4F4D



2D6663



2A3F4F



222626



006660



00E6D9



# Inverse Universe

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



4F2A2C



662D30



4F3A2A



262223



660006



E6000C



# Previews

## White Background



This preview shows how the Hex color 2A4F4D looks on a white background.

## Color Contrast Check

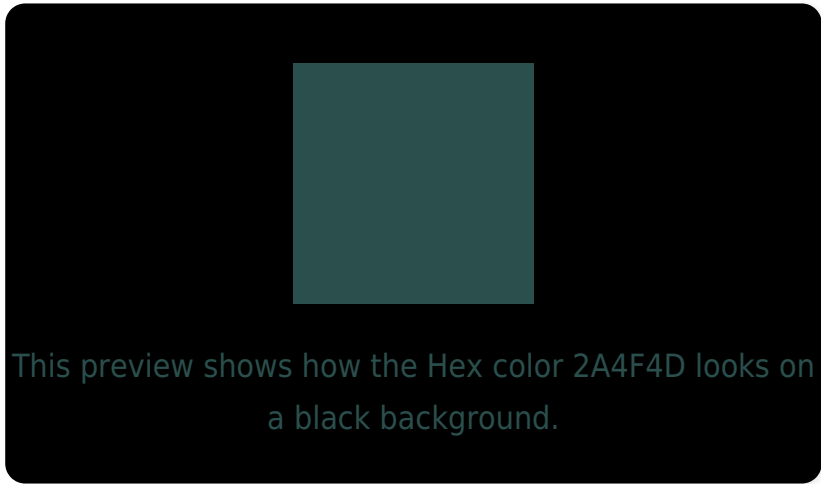
Large Text (above 18pt) WCAG AA ✓ Pass

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

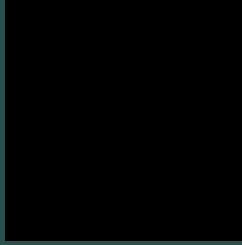
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2A4F4D Background



This preview shows how black text looks on a background with the Hex color 2A4F4D.



This preview shows how white text looks on a background with the Hex color 2A4F4D.

# 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](#).

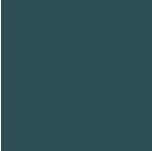
## Dichromacy



**Original Color**  
2A4F4D

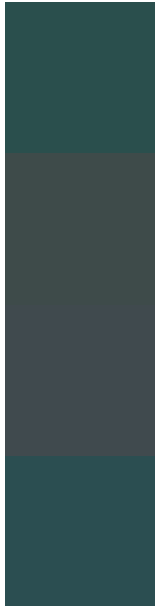
**Protanopia**  
4A4849

**Deuteranopia**  
4D474F



**Tritanopia**  
2C4E54

# Trichromacy



**Original Color**  
2A4F4D

**Protanomaly**  
3E4B4A

**Deuteranomaly**  
404A4E

**Tritanomaly**  
2B4E51

# Monochromacy



**Original Color**  
2A4F4D

**Achromatopsia**  
444444

**Achromatomaly**  
3B4847

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2A4F4D 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 #2A4F4D looks like.

```
.text, #text, p{  
    color:#2A4F4D  
}
```

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 #2A4F4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A4F4D
}
```

## Border

The CSS property to change the border of an element to Hex 2A4F4D 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
#2A4F4D }
```

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

```
.border{ border-color:#2A4F4D }
```

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

Here you see how a box with a 4 pixel #2A4F4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A4F4D; -webkit-box-shadow:4px 4px  
4px 4px #2A4F4D; box-shadow:4px 4px 4px  
4px #2A4F4D }
```

# Background

The CSS property to change the background color of an element to Hex 2A4F4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A4F4D }
```

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

```
.background{ background-color:#2A4F4D }
```

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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