

# Converting Colors

Hex(2E4F62)

Have a look what the booklet for  
Hex(2E4F62) contains.

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# Color

Hex(2E4F62)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2E4F62
RGB	46, 79, 98
RGB Percent	18%, 31%, 38%
CMY	0.8196, 0.6902, 0.6157
CMYK	0.53, 0.19, 0.00, 0.62
HSL	202°, 36%, 28%
HSV	202°, 53%, 38%
XYZ	6.1273, 7.0546, 12.5940
YIQ	71.2990, -25.7670, -1.0870

# Conversions

## Conversions Part 2

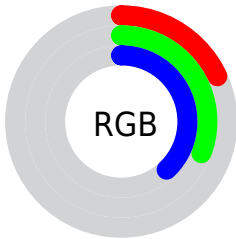
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 66, 98
Decimal	3034978
CIELab	31.93, -6.11, -14.81
CIELCh	32, 16.019, 247.560
Yxy	7.0546, 0.2377, 0.2737
Android (android.graphics.Color)	4281225058 (0xFF2E4F62)
YUV	71.2990, 13.1636, -22.1872
Hunter-Lab	26.5606, -5.3026, -9.5206




# Details

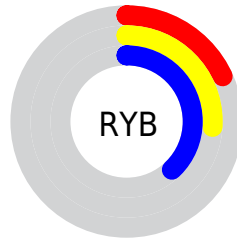
The Hex color **2E4F62** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **62412E**, and the grayscale version is **474747**.




A 20% lighter version of the original color is **608095**, and **002333** is the 20% darker color. If you saturate the color by 10%, you get **244B62**, and if you desaturate by 10%, it is **385362**.

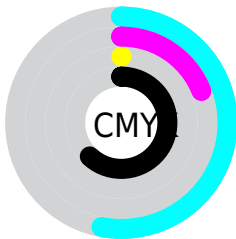
# Distribution







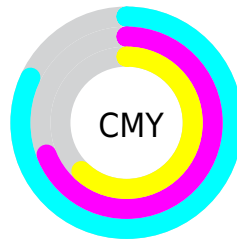
-  Red (18%)
-  Green (31%)
-  Blue (38%)






-  Red (18%)
-  Yellow (26%)
-  Blue (38%)



-  Cyan (53%)
-  Magenta (19%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (82%)
-  Magenta (69%)
-  Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E4F62 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 2E4F62 by changing the saturation by 10% instead.



■ 2E4F62

■ 2E4F62

FFFFFF

■ 15384A

■ 608095

■ 002333

■ 799AAF

■ 000D1F

■ 94B5CB

■ 000002

■ AFD0E7

■ 000000

■ CBEDFF

■ E7FFFF

■ 2E4F62

■ 2E4F62

■ 244B62

■ 385362

■ 1A4862

■ 425662

■ 114462

■ 4B5A62

■ 074162

■ 555D62

■ 003E62

■ 5F6162

■ 696462

■ 736862

■ 7C6C62

■ 866F62

# Harmonies

## Analogous

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



24515A



2E4F62



404B64

# Triad

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



2E4F62



644248



434F37

# Complementary

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



2E4F62



62412E

# 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.



514B32



2E4F62



63433C

# Square

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



2E4F62



5E4355



5C4734



355141

# Rectangle

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



2E4F62



4C4861



5C4734



484E35



# Sweetspot

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



2E4F62



6B7880



2E6240



343B40



BFBFBF



404040



# Same Dimension

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



2E4F62



2E6280



2E3662



2C2F30



004770



0098F0



# Inverse Universe

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



622E4F



802E62



625A2E



302C2F



700047

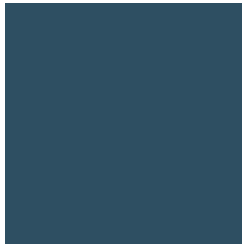


F00098



# Previews

## White Background



This preview shows how the Hex color 2E4F62 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

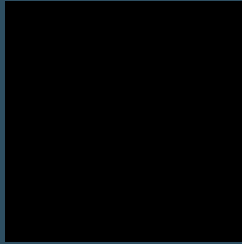
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2E4F62 Background



This preview shows how black text looks on a background with the Hex color 2E4F62.



This preview shows how white text looks on a background with the Hex color 2E4F62.

# 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**  
2E4F62

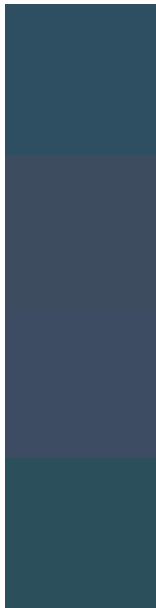
**Protanopia**  
464A5E

**Deuteranopia**  
454A63



**Tritanopia**  
2A5157

# Trichromacy



**Original Color**

2E4F62

**Protanomaly**

3D4C5F

**Deuteranomaly**

3D4C63

**Tritanomaly**

2B505B

# Monochromacy



**Original Color**

2E4F62

**Achromatopsia**

474747

**Achromatomaly**

3E4A51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E4F62 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 #2E4F62 looks like.

```
.text, #text, p{  
    color:#2E4F62  
}
```

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 #2E4F62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E4F62
}
```

## Border

The CSS property to change the border of an element to Hex 2E4F62 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".

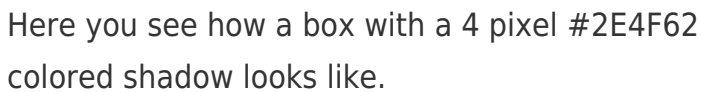
```
.border, #border, table{ border:4px solid
#2E4F62 }
```

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

```
.border{ border-color:#2E4F62 }
```

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

Here you see how a box with a 4 pixel #2E4F62 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border. Below the box, there is a thick dark blue horizontal bar. The shadow is a dark blue rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E4F62; -webkit-box-shadow:4px 4px  
4px 4px #2E4F62; box-shadow:4px 4px 4px  
4px #2E4F62 }
```

# Background

The CSS property to change the background color of an element to Hex 2E4F62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E4F62 }
```

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

```
.background{ background-color:#2E4F62 }
```

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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