

# Converting Colors

Hex(2E716E)

Have a look what the booklet for  
Hex(2E716E) contains.

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# Color

Hex(2E716E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2E716E
RGB	46, 113, 110
RGB Percent	18%, 44%, 43%
CMY	0.8196, 0.5569, 0.5686
CMYK	0.59, 0.00, 0.03, 0.56
HSL	177°, 42%, 31%
HSV	177°, 59%, 44%
XYZ	9.8463, 13.5169, 16.8419
YIQ	92.6250, -38.9690, -15.1370

# Conversions

## Conversions Part 2

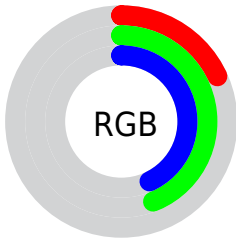
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 80, 113
Decimal	3043694
CIELab	43.53, -21.78, -4.72
CIELCh	44, 22.281, 192.225
Yxy	13.5169, 0.2449, 0.3362
Android (android.graphics.Color)	4281233774 (0xFF2E716E)
YUV	92.6250, 8.5659, -40.8901
Hunter-Lab	36.7653, -16.5343, -1.4246

# Details

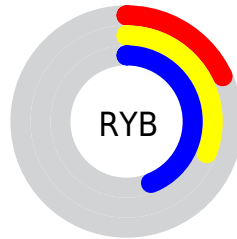
The Hex color **2E716E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **712E31**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **64A5A1**, and **00413F** is the 20% darker color. If you saturate the color by 10%, you get **23716D**, and if you desaturate by 10%, it is **39716F**.

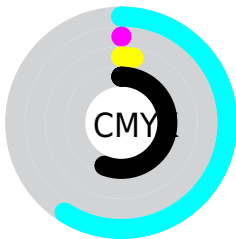
# Distribution



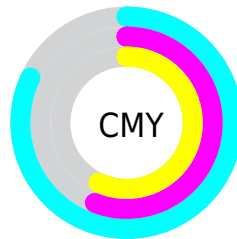
- Red (18%)
- Green (44%)
- Blue (43%)



- Red (18%)
- Yellow (31%)
- Blue (44%)



- Cyan (59%)
- Magenta (0%)
- Yellow (3%)
- Black (56%)



- Cyan (82%)
- Magenta (56%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E716E 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 2E716E by changing the saturation by 10% instead.



 2E716E

 2E716E

FFFFFF

 0E5856

 64A5A1

 00413F

 7EC0BC

 002A29

 9ADCD8

 001514

 B5F9F5

 000000

 D2FFFF

 EFFFFFF

 2E716E

 2E716E

 23716D

 39716F

■ 17716D

■ 45716F

■ 0C716C

■ 507170

■ 01716C

■ 5B7170

■ 00716C

■ 677171

■ 727171

■ 7D7172

■ 887172

■ 947173

# Harmonies

## Analogous

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



42705B



2E716E



2A707F

# Triad

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



2E716E



735F82



7D6244

# Complementary

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



2E716E



712E31

# 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.



895C4F



2E716E



845A73

# Square

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



2E716E



5A668B



8B5960



6C6842

# Rectangle

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



2E716E



356D87



8B5960



826047



# Sweetspot

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



2E716E



799493



31712E



3A4A49



C9C9C9



4A4A4A



# Same Dimension

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



2E716E



2B948F



2E5371



323838



007872



00F7EC



# Inverse Universe

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



712E31



942B30



714C2E



383233



780005

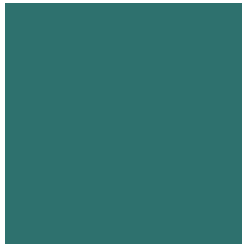


F7000B



# Previews

## White Background



This preview shows how the Hex color 2E716E looks on a white background.

## Color Contrast Check

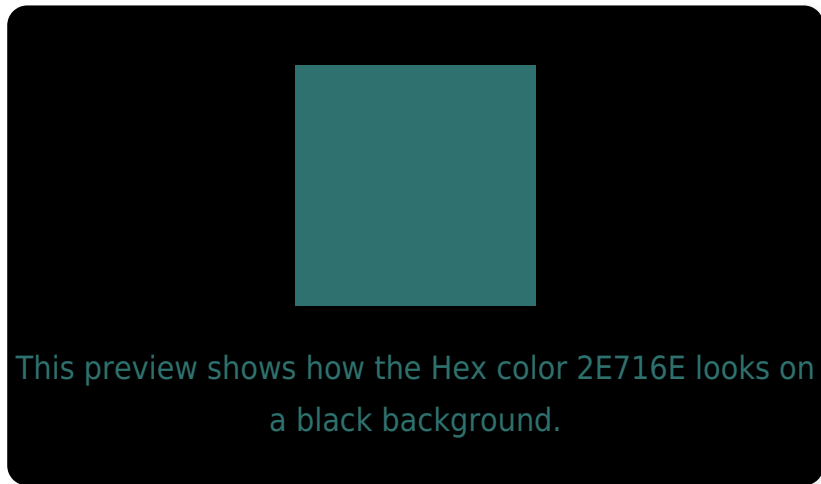
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 2E716E Background



This preview shows how black text looks on a background with the Hex color 2E716E.



This preview shows how white text looks on a background with the Hex color 2E716E.

# 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**  
2E716E

**Protanopia**  
686667

**Deuteranopia**  
6B6471



**Tritanopia**  
326F78

# Trichromacy



**Original Color**  
2E716E

**Protanomaly**  
536A6A

**Deuteranomaly**  
556970

**Tritanomaly**  
317074

# Monochromacy



**Original Color**  
2E716E

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
4C6463

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E716E 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 #2E716E looks like.

```
.text, #text, p{  
    color:#2E716E  
}
```

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 #2E716E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E716E
}
```

## Border

The CSS property to change the border of an element to Hex 2E716E 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
#2E716E }
```

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

```
.border{ border-color:#2E716E }
```

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

Here you see how a box with a 4 pixel #2E716E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E716E; -webkit-box-shadow:4px 4px  
4px 4px #2E716E; box-shadow:4px 4px 4px  
4px #2E716E }
```

# Background

The CSS property to change the background color of an element to Hex 2E716E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E716E }
```

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

```
.background{ background-color:#2E716E }
```

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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