

# Converting Colors

Hex(2E696F)

Have a look what the booklet for  
Hex(2E696F) contains.

<b>Hex(2E696F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(2E696F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E696F
RGB	46, 105, 111
RGB Percent	18%, 41%, 44%
CMY	0.8196, 0.5882, 0.5647
CMYK	0.59, 0.05, 0.00, 0.56
HSL	186°, 41%, 31%
HSV	186°, 59%, 44%
XYZ	9.0475, 11.8317, 16.8458
YIQ	88.0430, -37.0900, -10.6420

# Conversions

## Conversions Part 2

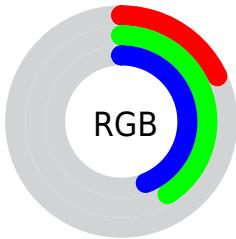
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 77, 111
Decimal	3041647
CIELab	40.95, -17.17, -9.18
CIElCh	41, 19.467, 208.144
Yxy	11.8317, 0.2398, 0.3136
Android (android.graphics.Color)	4281231727 (0xFF2E696F)
YUV	88.0430, 11.3178, -36.8717
Hunter-Lab	34.3972, -13.2441, -4.9588




# Details

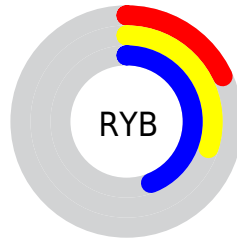
The Hex color **2E696F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6F342E**, and the grayscale version is **585858**.




A 20% lighter version of the original color is **639CA3**, and **003A3F** is the 20% darker color. If you saturate the color by 10%, you get **23686F**, and if you desaturate by 10%, it is **396A6F**.

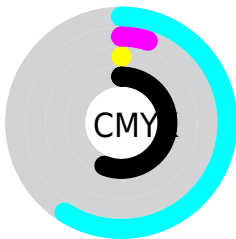
# Distribution







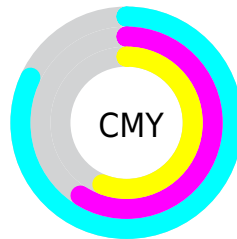
-  Red (18%)
-  Green (41%)
-  Blue (44%)






-  Red (18%)
-  Yellow (30%)
-  Blue (44%)



-  Cyan (59%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (82%)
-  Magenta (59%)
-  Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E696F 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 2E696F by changing the saturation by 10% instead.





2E696F



2E696F

FFFFFF



0F5157



639CA3



003A3F



7DB7BE



002429



98D3D9



000816



B4EFF6



000000



D0FFFF



EDFFFF



2E696F



2E696F



23686F



396A6F

18676F

446B6F

0D666F

4F6C6F

02656F

5A6D6F

00656F

666E6F

716F6F

7C706F

87716F

92726F

# Harmonies

## Analogous

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



38695F



2E696F



35677B

# Triad

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



2E696F



745872



6D5F41

# Complementary

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



2E696F



6F342E

# 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.



7A5A46



2E696F



7F5562

# Square

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



2E696F



625D7D



805652



5C6444

# Rectangle

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



2E696F



43647F



805652



725D42



# Sweetspot

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



2E696F



778F91



2E6F33



3A484A



C9C9C9



4A4A4A



# Same Dimension

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



2E696F



2C8891



2E496F



323838



006D78



00E1F7



# Inverse Universe

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



6F2E69



912C88



6F542E



383238



78006D

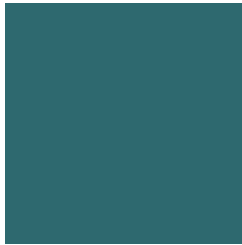


F700E1



# Previews

## White Background



This preview shows how the Hex color 2E696F looks on a white background.

## Color Contrast Check

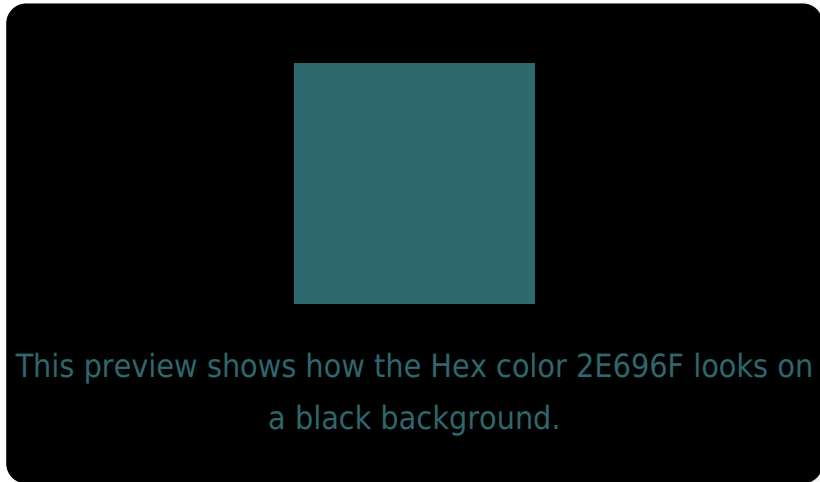
Large Text (above 18pt) WCAG AA ✓ Pass

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

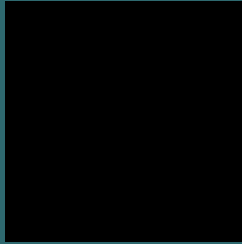
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2E696F Background



This preview shows how black text looks on a background with the Hex color 2E696F.



This preview shows how white text looks on a background with the Hex color 2E696F.

# 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**  
2E696F

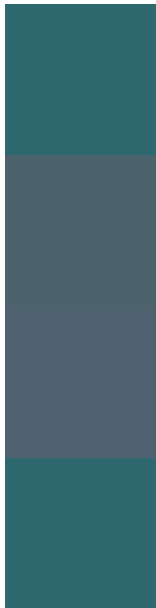
**Protanopia**  
5F5F69

**Deuteranopia**  
615E71



**Tritanopia**  
2F6971

# Trichromacy



**Original Color**  
2E696F

**Protanomaly**  
4D636B

**Deuteranomaly**  
4E6270

**Tritanomaly**  
2F6970

# Monochromacy



**Original Color**  
2E696F

**Achromatopsia**  
585858

**Achromatomaly**  
495E60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E696F 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 #2E696F looks like.

```
.text, #text, p{  
    color:#2E696F  
}
```

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 #2E696F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E696F
}
```

## Border

The CSS property to change the border of an element to Hex 2E696F 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
#2E696F }
```

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

```
.border{ border-color:#2E696F }
```

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

Here you see how a box with a 4 pixel #2E696F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E696F; -webkit-box-shadow:4px 4px  
4px 4px #2E696F; box-shadow:4px 4px 4px  
4px #2E696F }
```

# Background

The CSS property to change the background color of an element to Hex 2E696F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E696F }
```

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

```
.background{ background-color:#2E696F }
```

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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