

# Converting Colors

Hex(2E6E7E)

Have a look what the booklet for  
Hex(2E6E7E) contains.

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# Color

**Hex(2E6E7E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2E6E7E
RGB	46, 110, 126
RGB Percent	18%, 43%, 49%
CMY	0.8196, 0.5686, 0.5059
CMYK	0.63, 0.13, 0.00, 0.51
HSL	192°, 47%, 34%
HSV	192°, 63%, 49%
XYZ	10.4685, 13.2391, 21.7423
YIQ	92.6880, -43.2800, -8.5920

# Conversions

## Conversions Part 2

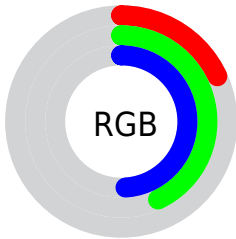
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 82, 126
Decimal	3042942
CIELab	43.12, -15.16, -14.97
CIElCh	43, 21.303, 224.631
Yxy	13.2391, 0.2303, 0.2913
Android (android.graphics.Color)	4281233022 (0xFF2E6E7E)
YUV	92.6880, 16.4228, -40.9454
Hunter-Lab	36.3855, -12.3181, -9.9591

# Details

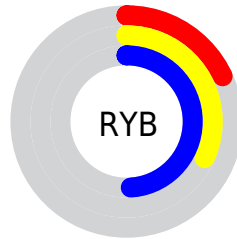
The Hex color **2E6E7E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7E3E2E**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **65A2B3**, and **003E4D** is the 20% darker color. If you saturate the color by 10%, you get **216B7E**, and if you desaturate by 10%, it is **3B717E**.

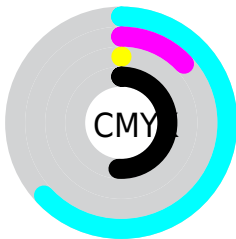
# Distribution



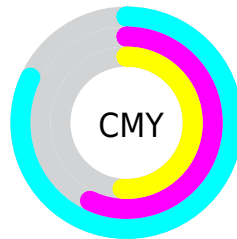
- Red (18%)
- Green (43%)
- Blue (49%)



- Red (18%)
- Yellow (32%)
- Blue (49%)



- Cyan (63%)
- Magenta (13%)
- Yellow (0%)
- Black (51%)



- Cyan (82%)
- Magenta (57%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E6E7E 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 2E6E7E by changing the saturation by 10% instead.



 2E6E7E

 2E6E7E

FFFFFF

 0B5665

 65A2B3

 003E4D

 80BDCE

 002836

 9BD9EA

 001421

 B7F5FF

 000008

 D4FFFF

 000000

 F1FFFF

 2E6E7E

 2E6E7E

 216B7E

 3B717E

■ 15697E

■ 47737E

■ 08667E

■ 54767E

■ 00657E

■ 60787E

■ 6D7B7E

■ 7A7D7E

■ 86807E

■ 93827E

■ 9F857E

# Harmonies

## Analogous

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



30706E



2E6E7E



416A87

# Triad

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



2E6E7E



835A70



696743

# Complementary

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



2E6E7E



7E3E2E

# 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.



7A6244



2E6E7E



89595E

# Square

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



2E6E7E



735E7F



865C4E



566C4C

# Rectangle

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



2E6E7E



536789



865C4E



6F6643



# Sweetspot

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



2E6E7E



849DA3



2E7E3E



3F4E52



D1D1D1



525252



# Same Dimension

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



2E6E7E



278AA3



2E467E



393E40



006680



000000



# Inverse Universe

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



7E2E6E



A3278A



7E662E



40393E



800066



000000



# Previews

## White Background



This preview shows how the Hex color 2E6E7E 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

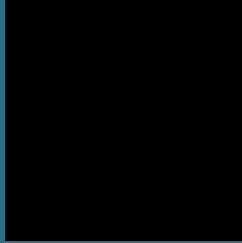
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2E6E7E Background



This preview shows how black text looks on a background with the Hex color 2E6E7E.

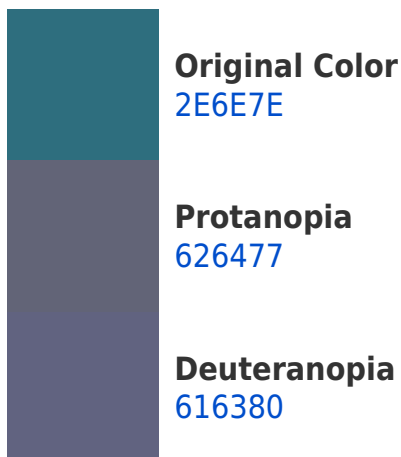


This preview shows how white text looks on a background with the Hex color 2E6E7E.

# 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](#).

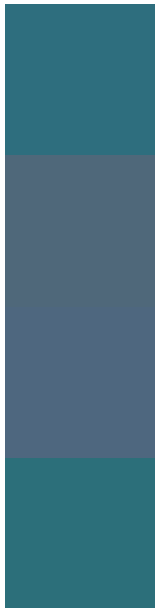
## Dichromacy





**Tritanopia**  
2B6F78

# Trichromacy



**Original Color**  
2E6E7E

**Protanomaly**  
4F687A

**Deuteranomaly**  
4E677F

**Tritanomaly**  
2C6F7A

# Monochromacy



**Original Color**  
2E6E7E

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
4C6369

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E6E7E 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 #2E6E7E looks like.

```
.text, #text, p{  
    color:#2E6E7E  
}
```

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 #2E6E7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E6E7E
}
```

## Border

The CSS property to change the border of an element to Hex 2E6E7E 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
#2E6E7E }
```

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

```
.border{ border-color:#2E6E7E }
```

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

Here you see how a box with a 4 pixel #2E6E7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E6E7E; -webkit-box-shadow:4px 4px  
4px 4px #2E6E7E; box-shadow:4px 4px 4px  
4px #2E6E7E }
```

# Background

The CSS property to change the background color of an element to Hex 2E6E7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E6E7E }
```

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

```
.background{ background-color:#2E6E7E }
```

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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