

Converting Colors

Hex(2E7E93)

Have a look what the booklet for
Hex(2E7E93) contains.

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Color

Hex(2E7E93)

Conversions

Conversions Part 1

Format	Color
Hex	2E7E93
RGB	46, 126, 147
RGB Percent	18%, 49%, 58%
CMY	0.8196, 0.5059, 0.4235
CMYK	0.69, 0.14, 0.00, 0.42
HSL	192°, 52%, 38%
HSV	192°, 69%, 58%
XYZ	13.8540, 17.6091, 30.2725
YIQ	104.4740, -54.4210, -10.4290

Conversions

Conversions Part 2

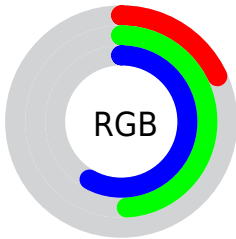
Format	Color
RYB	46, 91, 147
Decimal	3047059
CIELab	49.02, -17.12, -18.43
CIElCh	49, 25.154, 227.124
Yxy	17.6091, 0.2244, 0.2852
Android (android.graphics.Color)	4281237139 (0xFF2E7E93)
YUV	104.4740, 20.9653, -51.2817
Hunter-Lab	41.9632, -14.5045, -13.3978

Details

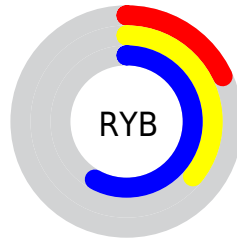
The Hex color **2E7E93** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **93432E**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **69B3C9**, and **004D60** is the 20% darker color. If you saturate the color by 10%, you get **1F7B93**, and if you desaturate by 10%, it is **3D8193**.

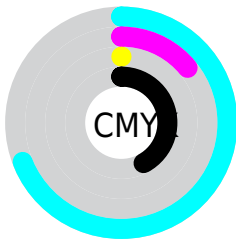
Distribution



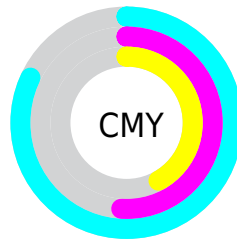
- Red (18%)
- Green (49%)
- Blue (58%)



- Red (18%)
- Yellow (36%)
- Blue (58%)



- Cyan (69%)
- Magenta (14%)
- Yellow (0%)
- Black (42%)



- Cyan (82%)
- Magenta (51%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E7E93 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 2E7E93 by changing the saturation by 10% instead.

 2E7E93

 2E7E93

FFFFFF

 006579

 69B3C9

 004D60

 85CEE5

 003649

 A1EBFF

 002132

 BEFFFF

 00021D

 DBFFFF

 000000

 F8FFFF

 2E7E93

 2E7E93

 1F7B93

 3D8193

■ 117893

■ 4B8493

■ 027593

■ 5A8793

■ 007493

■ 698A93

■ 788D93

■ 869093

■ 959393

■ A49693

■ B29A93

Harmonies

Analogous

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



2F8080



2E7E93



49799E

Triad

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



2E7E93



98657F



77774B

Complementary

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



2E7E93



93432E

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.



8B704B



2E7E93



9F6569

Square

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



2E7E93



866B92



9A6956



5F7C57

Rectangle

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



2E7E93



5F759E



9A6956



7E754A

Sweetspot

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



2E7E93



97B7BF



2E9342



495C61



E0E0E0



616161

Same Dimension

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



2E7E93



229FBF



2E4C93



43484A



006D8A



00080A

Inverse Universe

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



932E7E



BF229F



93752E



4A4348



8A006D



0A0008

Previews

White Background



This preview shows how the Hex color 2E7E93 looks on a white background.

Color Contrast Check

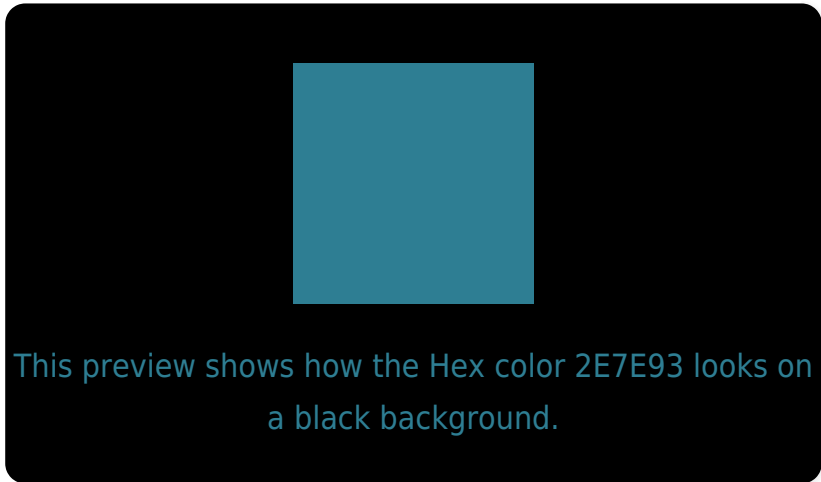
Large Text (above 18pt) WCAG AA ✓ Pass

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

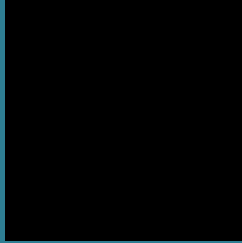
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 2E7E93 Background



This preview shows how black text looks on a background with the Hex color 2E7E93.

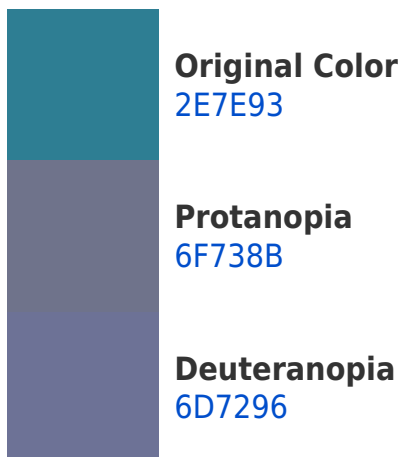


This preview shows how white text looks on a background with the Hex color 2E7E93.

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](#).

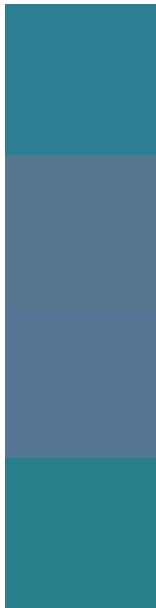
Dichromacy





Tritanopia
28808A

Trichromacy



Original Color
2E7E93

Protanomaly
57778E

Deuteranomaly
567695

Tritanomaly
2A7F8D

Monochromacy



Original Color
2E7E93

Achromatopsia
686868

Achromatomaly
537078

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E7E93 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 #2E7E93 looks like.

```
.text, #text, p{  
    color:#2E7E93  
}
```

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 #2E7E93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E7E93  
}
```

Border

The CSS property to change the border of an element to Hex 2E7E93 is called "border". The border property can be set on classes, ids or directly on the HTML element.

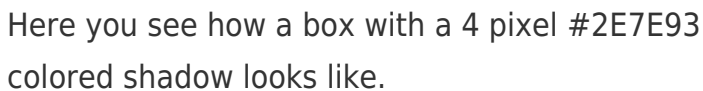
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#2E7E93 }
```

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

```
.border{ border-color:#2E7E93 }
```

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



Here you see how a box with a 4 pixel #2E7E93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E7E93; -webkit-box-shadow:4px 4px  
4px 4px #2E7E93; box-shadow:4px 4px 4px  
4px #2E7E93 }
```

Background

The CSS property to change the background color of an element to Hex 2E7E93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E7E93 }
```

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

```
.background{ background-color:#2E7E93 }
```

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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