

Converting Colors

Hex(2E777B)

Have a look what the booklet for
Hex(2E777B) contains.

| | |
|--|----|
| Hex(2E777B) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(2E777B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 2E777B |
| RGB | 46, 119, 123 |
| RGB Percent | 18%, 47%, 48% |
| CMY | 0.8196, 0.5333, 0.5176 |
| CMYK | 0.63, 0.03, 0.00, 0.52 |
| HSL | 183°, 46%, 33% |
| HSV | 183°, 63%, 48% |
| XYZ | 11.2987, 15.2046, 21.0782 |
| YIQ | 97.6290, -44.7920, -14.2320 |

Conversions

Conversions Part 2

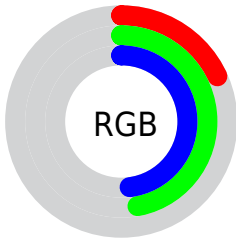
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 46, 83, 123 |
| Decimal | 3045243 |
| CIELab | 45.91, -21.02, -8.95 |
| CIELCh | 46, 22.845, 203.065 |
| Yxy | 15.2046, 0.2375, 0.3195 |
| Android (android.graphics.Color) | 4281235323 (0xFF2E777B) |
| YUV | 97.6290, 12.5079, -45.2786 |
| Hunter-Lab | 38.9930, -16.5153, -4.7548 |




Details

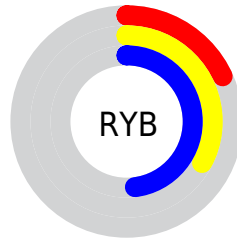
The Hex color **2E777B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7B322E**, and the grayscale version is **626262**.




A 20% lighter version of the original color is **65ACAF**, and **00464A** is the 20% darker color. If you saturate the color by 10%, you get **22767B**, and if you desaturate by 10%, it is **3A787B**.

Distribution







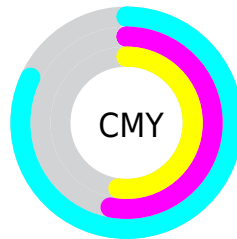
-  Red (18%)
-  Green (47%)
-  Blue (48%)






-  Red (18%)
-  Yellow (33%)
-  Blue (48%)



-  Cyan (63%)
-  Magenta (3%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (82%)
-  Magenta (53%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E777B 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 2E777B by changing the saturation by 10% instead.



2E777B



2E777B

FFFFFF



095E62



65ACAF



00464A



81C7CB



002F34



9CE3E7



001C1F



B8FFFF



000005



D5FFFF



000000



F2FFFF



2E777B



2E777B



22767B



3A787B

■ 15767B

■ 47787B

■ 09757B

■ 53797B

■ 00757B

■ 5F7A7B

■ 6B7A7B

■ 787B7B

■ 847B7B

■ 907C7B

■ 9D7D7B

Harmonies

Analogous

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



3E7767



2E777B



33758B

Triad

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



2E777B



816384



7E6A47

Complementary

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



2E777B



7B322E

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.



8C644F



2E777B



8F5F72

Square

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



2E777B



696990



935F5F



6B7049

Rectangle

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



2E777B



437291



935F5F



846848

Sweetspot

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



2E777B



829FA1



2E7B32



3F5152



D1D1D1



525252

Same Dimension

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



2E777B



289AA1



2E517B



373D3D



00767D



00EFFC

Inverse Universe

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



7B2E77



A1289A



7B582E



3D373D



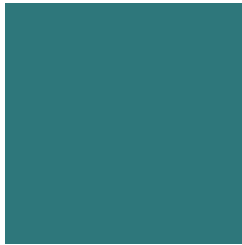
7D0076



FC00EF

Previews

White Background



This preview shows how the Hex color 2E777B looks on a white background.

Color Contrast Check

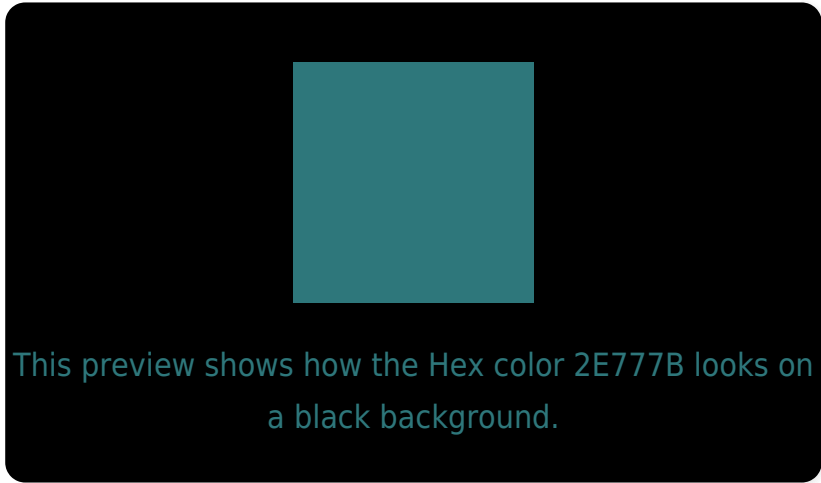
Large Text (above 18pt) WCAG AA ✓ Pass

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

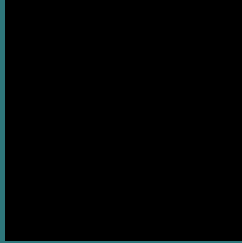
Any Text WCAG AA × Fail

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 2E777B Background



This preview shows how black text looks on a background with the Hex color 2E777B.

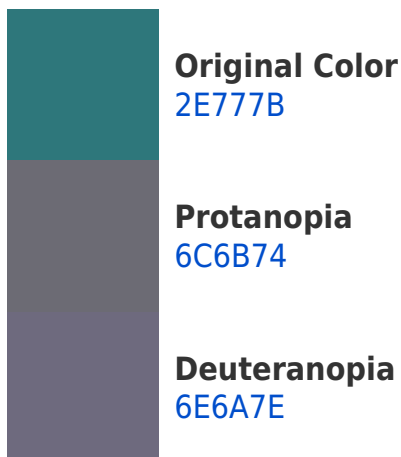


This preview shows how white text looks on a background with the Hex color 2E777B.

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
307680

Trichromacy



Original Color
2E777B

Protanomaly
556F77

Deuteranomaly
576F7D

Tritanomaly
2F767E

Monochromacy



Original Color
2E777B

Achromatopsia
626262

Achromatomaly
4F6A6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E777B 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 #2E777B looks like.

```
.text, #text, p{  
    color:#2E777B  
}
```

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 #2E777B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E777B
}
```

Border

The CSS property to change the border of an element to Hex 2E777B 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
#2E777B }
```

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

```
.border{ border-color:#2E777B }
```

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

Here you see how a box with a 4 pixel #2E777B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E777B; -webkit-box-shadow:4px 4px  
4px 4px #2E777B; box-shadow:4px 4px 4px  
4px #2E777B }
```

Background

The CSS property to change the background color of an element to Hex 2E777B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E777B }
```

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

```
.background{ background-color:#2E777B }
```

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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