

Converting Colors

Hex(2E4E77)

Have a look what the booklet for
Hex(2E4E77) contains.

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Color

Hex(2E4E77)

Conversions

Conversions Part 1

Format	Color
Hex	2E4E77
RGB	46, 78, 119
RGB Percent	18%, 31%, 47%
CMY	0.8196, 0.6941, 0.5333
CMYK	0.61, 0.34, 0.00, 0.53
HSL	214°, 44%, 32%
HSV	214°, 61%, 47%
XYZ	7.1809, 7.3615, 18.4952
YIQ	73.1060, -32.2330, 5.9670

Conversions

Conversions Part 2

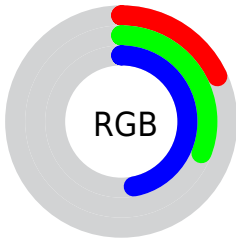
Format	Color
R_{YB}	46, 68, 119
Decimal	3034743
CIE _{Lab}	32.62, 1.82, -26.94
CIE _{LCh}	33, 27.004, 273.866
Yxy	7.3615, 0.2174, 0.2228
Android (android.graphics.Color)	4281224823 (0xFF2E4E77)
YUV	73.1060, 22.6257, -23.7720
Hunter-Lab	27.1321, -0.2389, -21.4238




Details

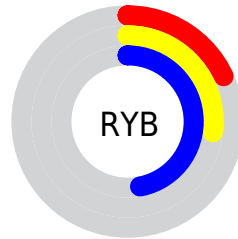
The Hex color **2E4E77** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **77572E**, and the grayscale version is **494949**.




A 20% lighter version of the original color is **627FAB**, and **002246** is the 20% darker color. If you saturate the color by 10%, you get **224777**, and if you desaturate by 10%, it is **3A5577**.

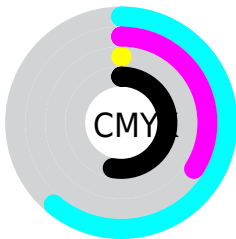
Distribution







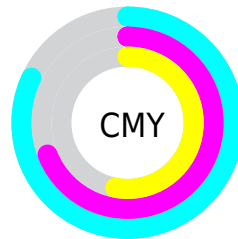
-  Red (18%)
-  Green (31%)
-  Blue (47%)






-  Red (18%)
-  Yellow (27%)
-  Blue (47%)



-  Cyan (61%)
-  Magenta (34%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (82%)
-  Magenta (69%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E4E77 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 2E4E77 by changing the saturation by 10% instead.

■ 2E4E77

■ 2E4E77

FFFFFF

■ 10375E

■ 627FAB

■ 002246

■ 7D99C7

■ 000B30

■ 98B3E3

■ 00011A

■ B4CFFF

■ 000000

■ D0EBFF

■ EDFFFF

■ 2E4E77

■ 2E4E77

■ 224777

■ 3A5577

■ 164177

■ 465B77

■ 0A3A77

■ 526277

■ 003477

■ 5E6977

■ 6A6F77

■ 757677

■ 817D77

■ 8D8377

■ 998A77

Harmonies

Analogous

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



005472



2E4E77



524670

Triad

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



2E4E77



733E36



255639

Complementary

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



2E4E77



77572E

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.



415228



2E4E77



694527

Square

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



2E4E77



743B4B



574C21



00584F

Rectangle

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



2E4E77



634166



574C21



2F5533

Sweetspot

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



2E4E77



808C9C



2E7756



3E454F



CFCFCF



4F4F4F

Same Dimension

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



2E4E77



285B9C



322E77



35373B



00367A



006EFA

Inverse Universe

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



772E4E



9C285B



73772E



3B3537



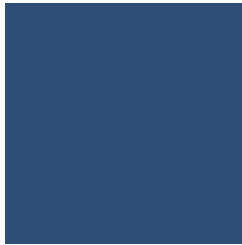
7A0036



FA006E

Previews

White Background



This preview shows how the Hex color 2E4E77 looks on a white background.

Color Contrast Check

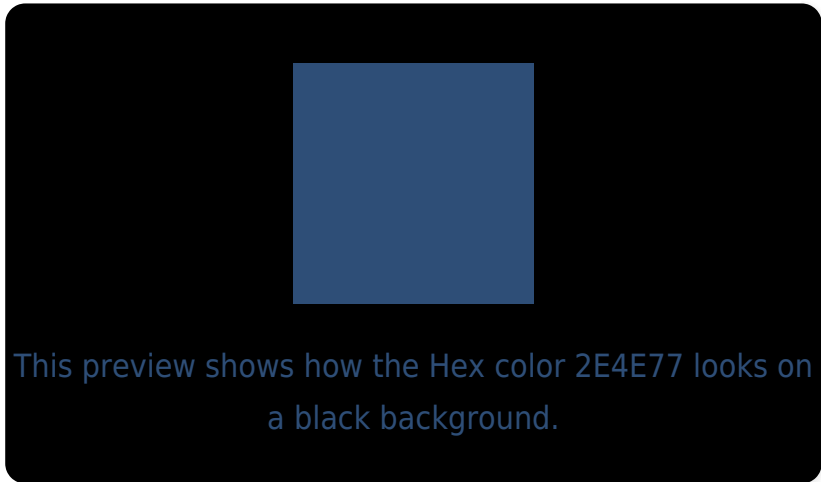
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

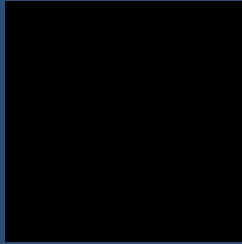
Any Text WCAG AA × Fail

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 2E4E77 Background



This preview shows how black text looks on a background with the Hex color 2E4E77.



This preview shows how white text looks on a background with the Hex color 2E4E77.

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
2E4E77

Protanopia
3E4B75

Deuteranopia
364C77



Tritanopia
20545B

Trichromacy



Original Color

2E4E77

Protanomaly

384C76

Deuteranomaly

334D77

Tritanomaly

255265

Monochromacy



Original Color

2E4E77

Achromatopsia

494949

Achromatomaly

3F4B5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E4E77 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 #2E4E77 looks like.

```
.text, #text, p{  
    color:#2E4E77  
}
```

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 #2E4E77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E4E77  
}
```

Border

The CSS property to change the border of an element to Hex 2E4E77 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  
#2E4E77 }
```

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

```
.border{ border-color:#2E4E77 }
```

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

Here you see how a box with a 4 pixel #2E4E77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E4E77; -webkit-box-shadow:4px 4px  
4px 4px #2E4E77; box-shadow:4px 4px 4px  
4px #2E4E77 }
```

Background

The CSS property to change the background color of an element to Hex 2E4E77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E4E77 }
```

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

```
.background{ background-color:#2E4E77 }
```

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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