

Converting Colors

Hex(2E4F6E)

Have a look what the booklet for
Hex(2E4F6E) contains.

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Color

Hex(2E4F6E)

Conversions

Conversions Part 1

Format	Color
Hex	2E4F6E
RGB	46, 79, 110
RGB Percent	18%, 31%, 43%
CMY	0.8196, 0.6902, 0.5686
CMYK	0.58, 0.28, 0.00, 0.57
HSL	209°, 41%, 31%
HSV	209°, 58%, 43%
XYZ	6.7372, 7.2986, 15.8055
YIQ	72.6670, -29.6190, 2.6450

Conversions

Conversions Part 2

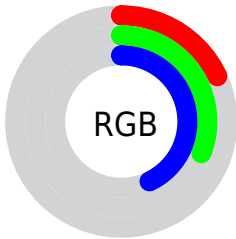
Format	Color
RYB	46, 68, 110
Decimal	3034990
CIELab	32.48, -2.03, -21.53
CIELCh	32, 21.624, 264.621
Yxy	7.2986, 0.2258, 0.2446
Android (android.graphics.Color)	4281225070 (0xFF2E4F6E)
YUV	72.6670, 18.4052, -23.3870
Hunter-Lab	27.0159, -2.7639, -15.7762




Details

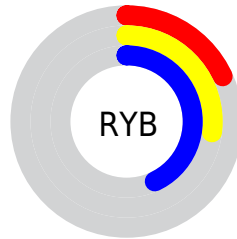
The Hex color **2E4F6E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **6E4D2E**, and the grayscale version is **494949**.




A 20% lighter version of the original color is **6180A2**, and **00233E** is the 20% darker color. If you saturate the color by 10%, you get **234A6E**, and if you desaturate by 10%, it is **39546E**.

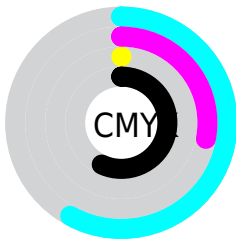
Distribution







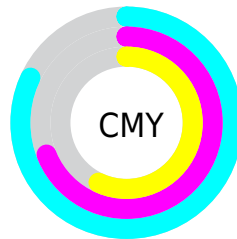
-  Red (18%)
-  Green (31%)
-  Blue (43%)






-  Red (18%)
-  Yellow (27%)
-  Blue (43%)



-  Cyan (58%)
-  Magenta (28%)
-  Yellow (0%)
-  Black (57%)



-  Cyan (82%)
-  Magenta (69%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E4F6E 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 2E4F6E by changing the saturation by 10% instead.

■ 2E4F6E

■ 2E4F6E

FFFFFF

■ 123856

■ 6180A2

■ 00233E

■ 7B9ABD

■ 000D28

■ 96B5D9

■ 000113

■ B1D0F5

■ 000000

■ CDECFF

■ EAFFFF

■ 2E4F6E

■ 2E4F6E

■ 234A6E

■ 39546E

■ 18446E

■ 445A6E

■ 0D3F6E

■ 4F5F6E

■ 023A6E

■ 5A646E

■ 00396E

■ 656A6E

■ 706F6E

■ 7B746E

■ 867A6E

■ 917F6E

Harmonies

Analogous

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



0E5368



2E4F6E



4A496B

Triad

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



2E4F6E



6D403F



355338

Complementary

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



2E4F6E



6E4D2E

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.



49502D



2E4F6E



674431

Square

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



2E4F6E



6B3F50



5A4A2A



1E5549

Rectangle

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



2E4F6E



594565



5A4A2A



3C5234

Sweetspot

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



2E4F6E



77838F



2E6E4D



394047



C7C7C7



474747

Same Dimension

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



2E4F6E



2B5E8F



2E2F6E



323538



003E78



0080F7

Inverse Universe

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



6E2E4F



8F2B5E



6E6D2E



383235



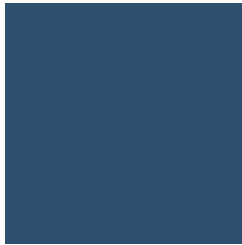
78003E



F70080

Previews

White Background



This preview shows how the Hex color 2E4F6E 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

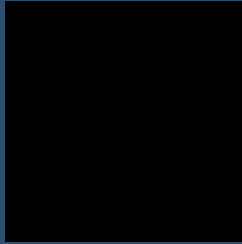
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

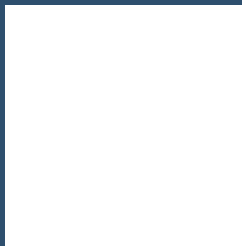
Any Text WCAG AAA × Fail

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

Hex 2E4F6E Background



This preview shows how black text looks on a background with the Hex color 2E4F6E.

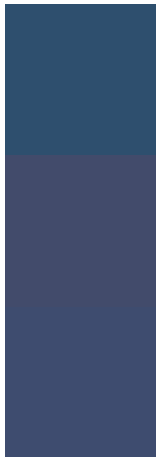


This preview shows how white text looks on a background with the Hex color 2E4F6E.

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](#).

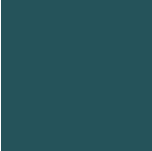
Dichromacy



Original Color
2E4F6E

Protanopia
424B6B

Deuteranopia
3E4C6F



Tritanopia
25535A

Trichromacy



Original Color
2E4F6E

Protanomaly
3B4C6C

Deuteranomaly
384D6F

Tritanomaly
285261

Monochromacy



Original Color
2E4F6E

Achromatopsia
494949

Achromatomaly
3F4B56

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E4F6E 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 #2E4F6E looks like.

```
.text, #text, p{  
    color:#2E4F6E  
}
```

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 #2E4F6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E4F6E
}
```

Border

The CSS property to change the border of an element to Hex 2E4F6E 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
#2E4F6E }
```

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

```
.border{ border-color:#2E4F6E }
```

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

Here you see how a box with a 4 pixel #2E4F6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E4F6E; -webkit-box-shadow:4px 4px  
4px 4px #2E4F6E; box-shadow:4px 4px 4px  
4px #2E4F6E }
```

Background

The CSS property to change the background color of an element to Hex 2E4F6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E4F6E }
```

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

```
.background{ background-color:#2E4F6E }
```

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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