

Converting Colors

Hex(2E4F72)

Have a look what the booklet for
Hex(2E4F72) contains.

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Color

Hex(2E4F72)

Conversions

Conversions Part 1

Format	Color
Hex	2E4F72
RGB	46, 79, 114
RGB Percent	18%, 31%, 45%
CMY	0.8196, 0.6902, 0.5529
CMYK	0.60, 0.31, 0.00, 0.55
HSL	211°, 43%, 31%
HSV	211°, 60%, 45%
XYZ	6.9600, 7.3877, 16.9787
YIQ	73.1230, -30.9030, 3.8890

Conversions

Conversions Part 2

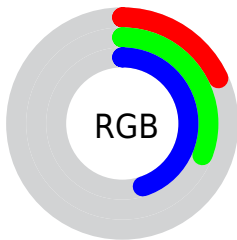
Format	Color
R_{YB}	46, 68, 114
Decimal	3034994
CIE _{Lab}	32.67, -0.62, -23.73
CIE _{LCh}	33, 23.737, 268.509
Yxy	7.3877, 0.2222, 0.2358
Android (android.graphics.Color)	4281225074 (0xFF2E4F72)
YUV	73.1230, 20.1524, -23.7869
Hunter-Lab	27.1803, -1.8578, -18.0104




Details

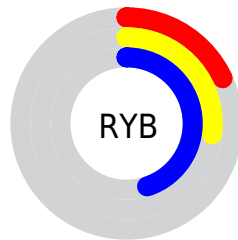
The Hex color **2E4F72** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **72512E**, and the grayscale version is **494949**.




A 20% lighter version of the original color is **6280A6**, and **002342** is the 20% darker color. If you saturate the color by 10%, you get **234972**, and if you desaturate by 10%, it is **395572**.

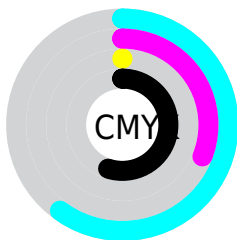
Distribution







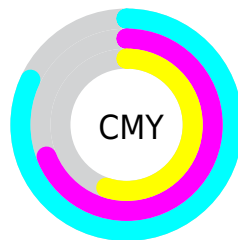
-  Red (18%)
-  Green (31%)
-  Blue (45%)






-  Red (18%)
-  Yellow (27%)
-  Blue (45%)



-  Cyan (60%)
-  Magenta (31%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (82%)
-  Magenta (69%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E4F72 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 2E4F72 by changing the saturation by 10% instead.

■ 2E4F72

■ 2E4F72

FFFFFF

■ 113859

■ 6280A6

■ 002342

■ 7C9AC1

■ 000D2C

■ 97B5DD

■ 000116

■ B2D0FA

■ 000000

■ CEECFE

■ EBFFFF

■ 2E4F72

■ 2E4F72

■ 234972

■ 395572

■ 174372

■ 455B72

■ 0C3D72

■ 506172

■ 003872

■ 5C6672

■ 003772

■ 676C72

■ 727272

■ 7E7872

■ 897E72

■ 958472

Harmonies

Analogous

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



00546C



2E4F72



4D486E

Triad

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



2E4F72



703F3C



305539

Complementary

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



2E4F72



72512E

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.



46512B



2E4F72



68452D

Square

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



2E4F72



6F3E4F



5A4B27



12574B

Rectangle

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



2E4F72



5D4466



5A4B27



385433

Sweetspot

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



2E4F72



798694



2E7250



3A424A



C9C9C9



4A4A4A

Same Dimension

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



2E4F72



295D94



2E2E72



323538



003A78



0078F7

Inverse Universe

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



722E4F



94295D



72722E



383235



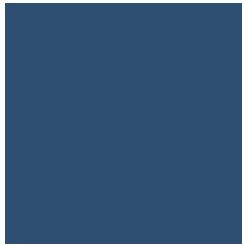
78003A



F70078

Previews

White Background



This preview shows how the Hex color 2E4F72 looks on a white background.

Color Contrast Check

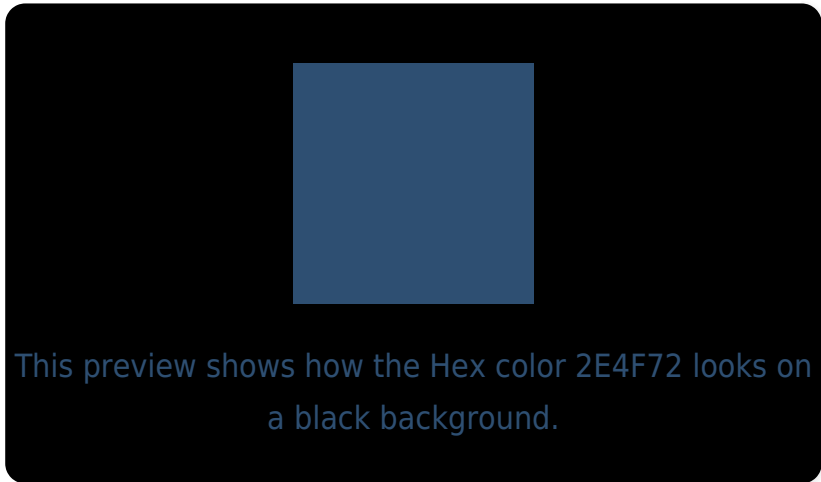
Large Text (above 18pt) WCAG AA ✓ Pass

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

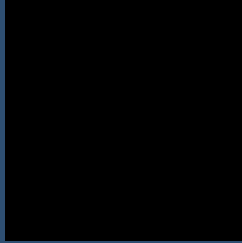
Any Text WCAG AA × Fail

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 2E4F72 Background



This preview shows how black text looks on a background with the Hex color 2E4F72.

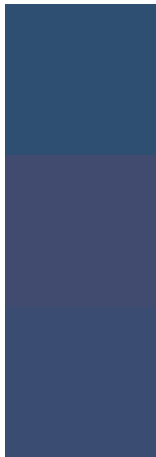


This preview shows how white text looks on a background with the Hex color 2E4F72.

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](#).

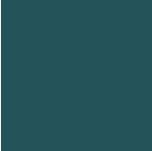
Dichromacy



Original Color
2E4F72

Protanopia
414B6F

Deuteranopia
3B4C73



Tritanopia
24545A

Trichromacy



Original Color
2E4F72

Protanomaly
3A4C70

Deuteranomaly
364D73

Tritanomaly
285263

Monochromacy



Original Color
2E4F72

Achromatopsia
494949

Achromatomaly
3F4B58

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E4F72 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 #2E4F72 looks like.

```
.text, #text, p{  
    color:#2E4F72  
}
```

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 #2E4F72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E4F72
}
```

Border

The CSS property to change the border of an element to Hex 2E4F72 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
#2E4F72 }
```

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

```
.border{ border-color:#2E4F72 }
```

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

Here you see how a box with a 4 pixel #2E4F72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E4F72; -webkit-box-shadow:4px 4px  
4px 4px #2E4F72; box-shadow:4px 4px 4px  
4px #2E4F72 }
```

Background

The CSS property to change the background color of an element to Hex 2E4F72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E4F72 }
```

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

```
.background{ background-color:#2E4F72 }
```

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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