

Converting Colors

Hex(2E4662)

Have a look what the booklet for
Hex(2E4662) contains.

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Color

Hex(2E4662)

Conversions

Conversions Part 1

Format	Color
Hex	2E4662
RGB	46, 70, 98
RGB Percent	18%, 27%, 38%
CMY	0.8196, 0.7255, 0.6157
CMYK	0.53, 0.29, 0.00, 0.62
HSL	212°, 36%, 28%
HSV	212°, 53%, 38%
XYZ	5.5215, 5.8430, 12.3921
YIQ	66.0160, -23.2920, 3.6200

Conversions

Conversions Part 2

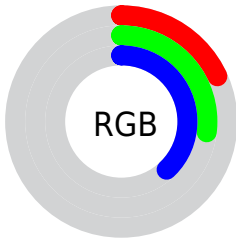
Format	Color
RYB	46, 62, 98
Decimal	3032674
CIELab	29.01, -0.37, -19.31
CIELCh	29, 19.318, 268.888
Yxy	5.8430, 0.2324, 0.2460
Android (android.graphics.Color)	4281222754 (0xFF2E4662)
YUV	66.0160, 15.7681, -17.5540
Hunter-Lab	24.1723, -1.5283, -13.4748

Details

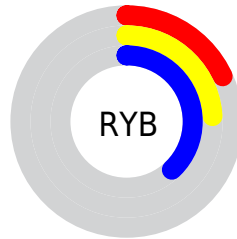
The Hex color **2E4662** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **624A2E**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **5F7695**, and **001B33** is the 20% darker color. If you saturate the color by 10%, you get **244162**, and if you desaturate by 10%, it is **384B62**.

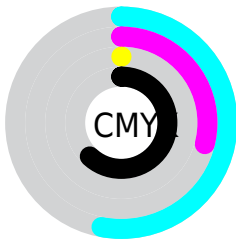
Distribution



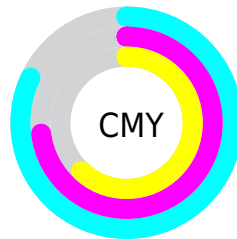
- Red (18%)
- Green (27%)
- Blue (38%)



- Red (18%)
- Yellow (24%)
- Blue (38%)



- Cyan (53%)
- Magenta (29%)
- Yellow (0%)
- Black (62%)



- Cyan (82%)
- Magenta (73%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E4662 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 2E4662 by changing the saturation by 10% instead.

■ 2E4662

■ 2E4662

FFFFFF

■ 15304A

■ 5F7695

■ 001B33

■ 7990B0

■ 00021E

■ 93AACB

■ 000001

■ AFC5E7

■ 000000

■ CAE1FF

■ E7FEFF

■ 2E4662

■ 2E4662

■ 244162

■ 384B62

■ 1A3B62

■ 425162

■ 113662

■ 4B5662

■ 073162

■ 555B62

■ 002D62

■ 5F6062

■ 696662

■ 736B62

■ 7C7062

■ 867562

Harmonies

Analogous

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



144A5E



2E4662



45415E

Triad

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



2E4662



613A37



2E4B34

Complementary

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



2E4662



624A2E

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.



3F482A



2E4662



5B3E2B

Square

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



2E4662



603946



4F4326



1A4C43

Rectangle

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



2E4662



523D58



4F4326



344A30

Sweetspot

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



2E4662



6B7580



2E624A



343940



BFBFBF



404040

Same Dimension

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



2E4662



2E5480



302E62



2C2E30



003470



006FF0

Inverse Universe

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



622E46



802E54



60622E



302C2E



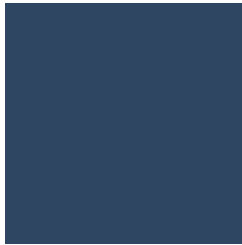
700034



F0006F

Previews

White Background



This preview shows how the Hex color 2E4662 looks on a white background.

Color Contrast Check

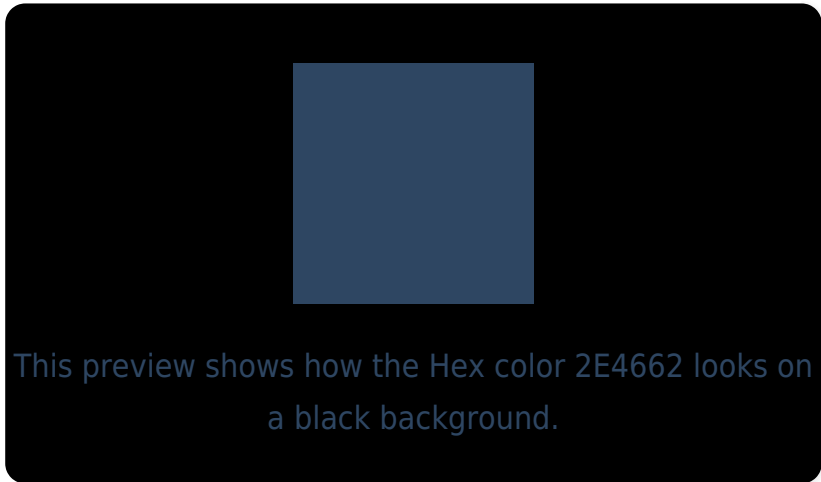
Large Text (above 18pt) WCAG AA ✓ Pass

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

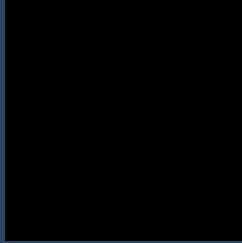
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

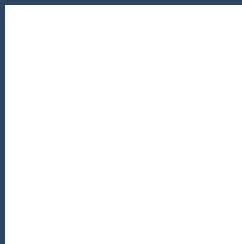
Any Text WCAG AAA × Fail

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

Hex 2E4662 Background



This preview shows how black text looks on a background with the Hex color 2E4662.



This preview shows how white text looks on a background with the Hex color 2E4662.

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

2E4662

Protanopia

3B4360

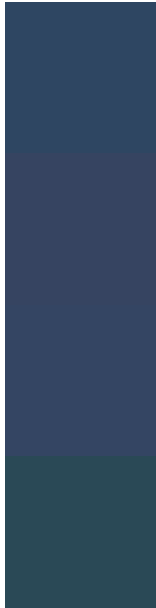
Deuteranopia

384463



Tritanopia
274A4F

Trichromacy



Original Color
2E4662

Protanomaly
364461

Deuteranomaly
344563

Tritanomaly
2A4956

Monochromacy



Original Color
2E4662

Achromatopsia
424242

Achromatomaly
3B434E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E4662 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 #2E4662 looks like.

```
.text, #text, p{  
    color:#2E4662  
}
```

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 #2E4662 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E4662
}
```

Border

The CSS property to change the border of an element to Hex 2E4662 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
#2E4662 }
```

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

```
.border{ border-color:#2E4662 }
```

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

Here you see how a box with a 4 pixel #2E4662 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E4662; -webkit-box-shadow:4px 4px  
4px 4px #2E4662; box-shadow:4px 4px 4px  
4px #2E4662 }
```

Background

The CSS property to change the background color of an element to Hex 2E4662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E4662 }
```

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

```
.background{ background-color:#2E4662 }
```

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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