

Converting Colors

Hex(2E616B)

Have a look what the booklet for
Hex(2E616B) contains.

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Color

Hex(2E616B)

Conversions

Conversions Part 1

Format	Color
Hex	2E616B
RGB	46, 97, 107
RGB Percent	18%, 38%, 42%
CMY	0.8196, 0.6196, 0.5804
CMYK	0.57, 0.09, 0.00, 0.58
HSL	190°, 40%, 30%
HSV	190°, 57%, 42%
XYZ	8.0552, 10.1918, 15.4526
YIQ	82.8910, -33.6060, -7.7020

Conversions

Conversions Part 2

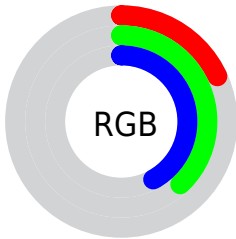
Format	Color
RYB	46, 74, 107
Decimal	3039595
CIELab	38.18, -13.93, -10.90
CIElCh	38, 17.686, 218.049
Yxy	10.1918, 0.2390, 0.3024
Android (android.graphics.Color)	4281229675 (0xFF2E616B)
YUV	82.8910, 11.8857, -32.3534
Hunter-Lab	31.9245, -10.8286, -6.3512

Details

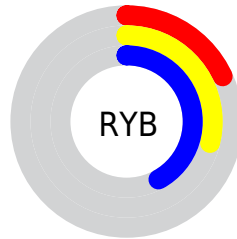
The Hex color **2E616B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B382E**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **62949E**, and **00323C** is the 20% darker color. If you saturate the color by 10%, you get **235F6B**, and if you desaturate by 10%, it is **39636B**.

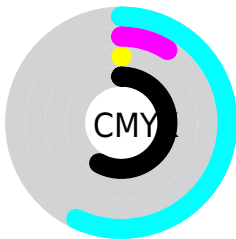
Distribution



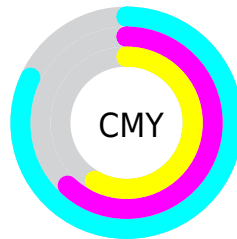
- Red (18%)
- Green (38%)
- Blue (42%)



- Red (18%)
- Yellow (29%)
- Blue (42%)



- Cyan (57%)
- Magenta (9%)
- Yellow (0%)
- Black (58%)



- Cyan (82%)
- Magenta (62%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E616B 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 2E616B by changing the saturation by 10% instead.

■ 2E616B

■ 2E616B

FFFFFF

■ 114953

■ 62949E

■ 00323C

■ 7CAEB9

■ 001E26

■ 97CAD5

■ 000111

■ B2E6F1

■ 000000

■ CEFFFF

■ EBFFFF

■ 2E616B

■ 2E616B

■ 235F6B

■ 39636B

■ 195D6B

■ 43656B

■ 0E5C6B

■ 4E666B

■ 035A6B

■ 59686B

■ 00596B

■ 646A6B

■ 6E6C6B

■ 796D6B

■ 846F6B

■ 8E716B

Harmonies

Analogous

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



32625D



2E616B



395E74

Triad

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



2E616B



6F5165



605A3D

Complementary

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



2E616B



6B382E

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.



6D5540



2E616B



764F56

Square

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



2E616B



615570



755149



505E43

Rectangle

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



2E616B



465B76



755149



65593D

Sweetspot

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



2E616B



74888C



2E6B37



394547



C7C7C7



474747

Same Dimension

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



2E616B



2D7D8C



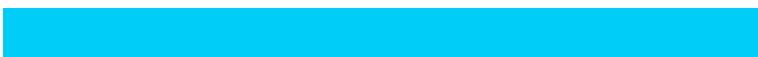
2E436B



303536



006275



00CDF5

Inverse Universe

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



6B2E61



8C2D7D



6B562E



363035



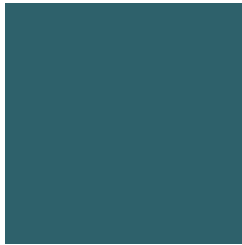
750062



F500CD

Previews

White Background



This preview shows how the Hex color 2E616B looks on a white background.

Color Contrast Check

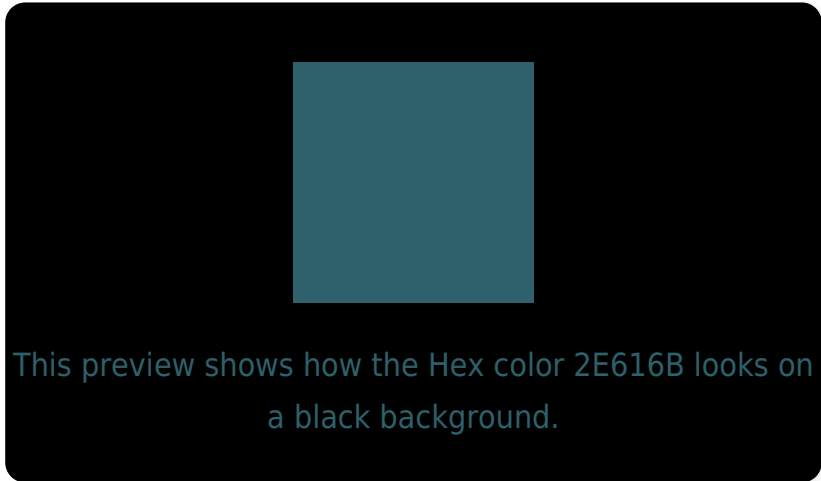
Large Text (above 18pt) WCAG AA ✓ Pass

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

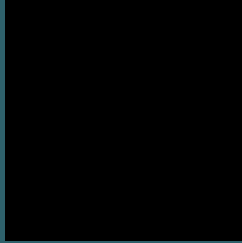
Any Text WCAG AA × Fail

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 2E616B Background



This preview shows how black text looks on a background with the Hex color 2E616B.

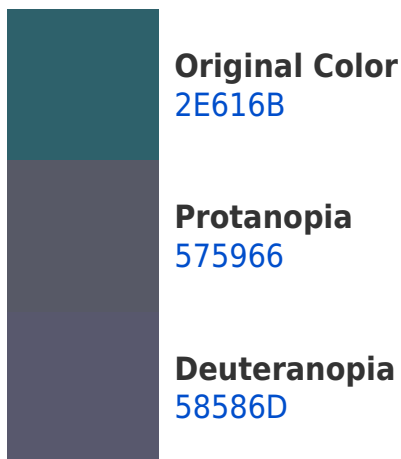


This preview shows how white text looks on a background with the Hex color 2E616B.

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](#).

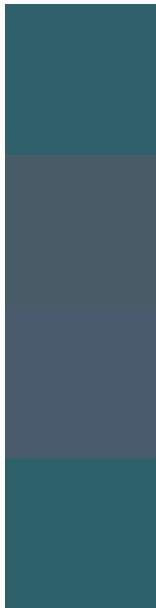
Dichromacy





Tritanopia
2D6169

Trichromacy



Original Color
2E616B

Protanomaly
485C68

Deuteranomaly
495B6C

Tritanomaly
2D616A

Monochromacy



Original Color
2E616B

Achromatopsia
535353

Achromatomaly
46585C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E616B 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 #2E616B looks like.

```
.text, #text, p{  
    color:#2E616B  
}
```

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 #2E616B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E616B
}
```

Border

The CSS property to change the border of an element to Hex 2E616B 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
#2E616B }
```

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

```
.border{ border-color:#2E616B }
```

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

Here you see how a box with a 4 pixel #2E616B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E616B; -webkit-box-shadow:4px 4px  
4px 4px #2E616B; box-shadow:4px 4px 4px  
4px #2E616B }
```

Background

The CSS property to change the background color of an element to Hex 2E616B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E616B }
```

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

```
.background{ background-color:#2E616B }
```

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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