

Converting Colors

Hex(2B616E)

Have a look what the booklet for
Hex(2B616E) contains.

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Color

Hex(2B616E)

Conversions

Conversions Part 1

Format	Color
Hex	2B616E
RGB	43, 97, 110
RGB Percent	17%, 38%, 43%
CMY	0.8314, 0.6196, 0.5686
CMYK	0.61, 0.12, 0.00, 0.57
HSL	192°, 44%, 30%
HSV	192°, 61%, 43%
XYZ	8.0854, 10.1888, 16.2923
YIQ	82.3360, -36.3570, -7.4050

Conversions

Conversions Part 2

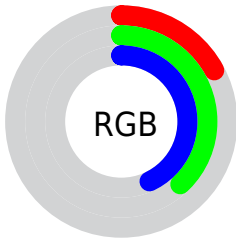
Format	Color
RYB	43, 73, 110
Decimal	2842990
CIELab	38.18, -13.63, -12.77
CIElCh	38, 18.676, 223.125
Yxy	10.1888, 0.2339, 0.2948
Android (android.graphics.Color)	4281033070 (0xFF2B616E)
YUV	82.3360, 13.6384, -34.4977
Hunter-Lab	31.9199, -10.6450, -7.9185

Details

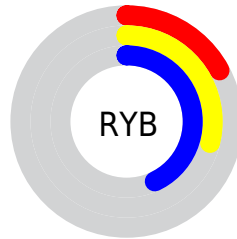
The Hex color **2B616E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E382B**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6094A2**, and **00323E** is the 20% darker color. If you saturate the color by 10%, you get **205F6E**, and if you desaturate by 10%, it is **36636E**.

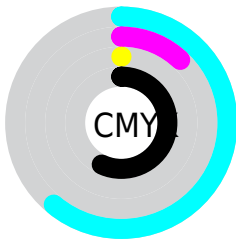
Distribution



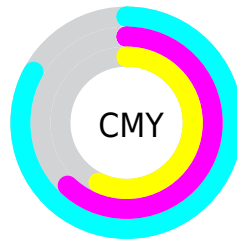
- Red (17%)
- Green (38%)
- Blue (43%)



- Red (17%)
- Yellow (29%)
- Blue (43%)



- Cyan (61%)
- Magenta (12%)
- Yellow (0%)
- Black (57%)



- Cyan (83%)
- Magenta (62%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B616E 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 2B616E by changing the saturation by 10% instead.

■ 2B616E

■ 2B616E

FFFFFF

■ 0B4956

■ 6094A2

■ 00323E

■ 7AAEBD

■ 001E28

■ 95CAD8

■ 000114

■ B1E6F5

■ 000000

■ CDFFFF

■ EAFFFF

■ 2B616E

■ 2B616E

■ 205F6E

■ 36636E

■ 155D6E

■ 41656E

■ 0A5B6E

■ 4C676E

■ 00596E

■ 576A6E

■ 626C6E

■ 6D6E6E

■ 78706E

■ 83726E

■ 8E746E

Harmonies

Analogous

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



2D6260



2B616E



3A5E76

Triad

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



2B616E



725063



5E5B3C

Complementary

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



2B616E



6E382B

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.



6C563D



2B616E



784F54

Square

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



2B616E



645470



765146



4D5F43

Rectangle

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



2B616E



495B78



765146



63593C

Sweetspot

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



2B616E



758A8F



2B6E37



384447



C7C7C7



474747

Same Dimension

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



2B616E



277B8F



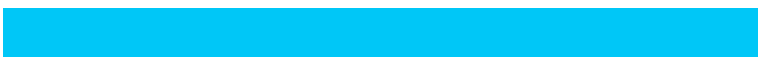
2B406E



323738



006178



00C7F7

Inverse Universe

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



6E2B61



8F277B



6E592B



383237



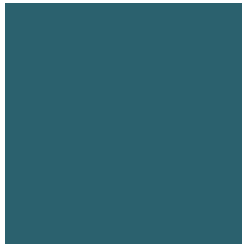
780061



F700C7

Previews

White Background



This preview shows how the Hex color 2B616E looks on a white background.

Color Contrast Check

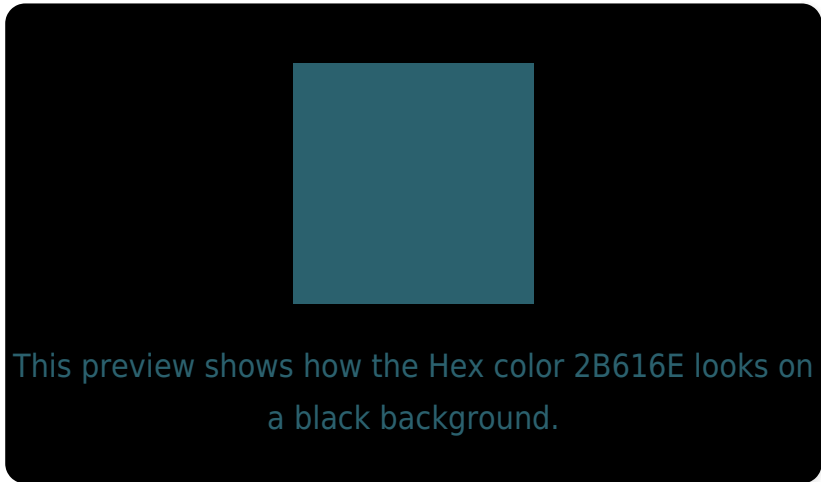
Large Text (above 18pt) WCAG AA ✓ Pass

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

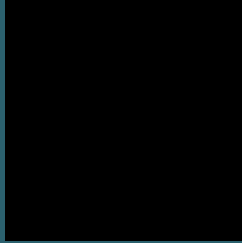
Any Text WCAG AA × Fail

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 2B616E Background



This preview shows how black text looks on a background with the Hex color 2B616E.

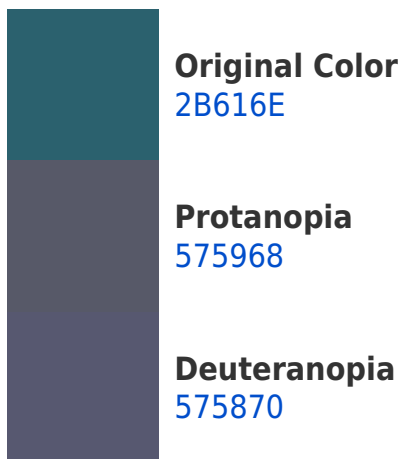



This preview shows how white text looks on a background with the Hex color 2B616E.

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](#).

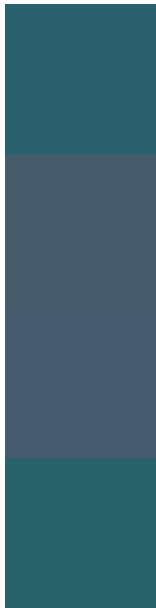
Dichromacy





Tritanopia
29626A

Trichromacy



Original Color
2B616E

Protanomaly
475C6A

Deuteranomaly
475B6F

Tritanomaly
2A626B

Monochromacy



Original Color
2B616E

Achromatopsia
525252

Achromatomaly
44575C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B616E 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 #2B616E looks like.

```
.text, #text, p{  
    color:#2B616E  
}
```

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 #2B616E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B616E
}
```

Border

The CSS property to change the border of an element to Hex 2B616E 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
#2B616E }
```

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

```
.border{ border-color:#2B616E }
```

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

Here you see how a box with a 4 pixel #2B616E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B616E; -webkit-box-shadow:4px 4px  
4px 4px #2B616E; box-shadow:4px 4px 4px  
4px #2B616E }
```

Background

The CSS property to change the background color of an element to Hex 2B616E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B616E }
```

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

```
.background{ background-color:#2B616E }
```

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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