

Converting Colors

Hex(2C646E)

Have a look what the booklet for
Hex(2C646E) contains.

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Color

Hex(2C646E)

Conversions

Conversions Part 1

Format	Color
Hex	2C646E
RGB	44, 100, 110
RGB Percent	17%, 39%, 43%
CMY	0.8275, 0.6078, 0.5686
CMYK	0.60, 0.09, 0.00, 0.57
HSL	189°, 43%, 30%
HSV	189°, 60%, 43%
XYZ	8.4104, 10.7756, 16.3885
YIQ	84.3960, -36.5860, -8.7620

Conversions

Conversions Part 2

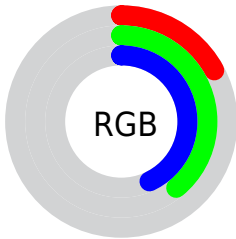
Format	Color
RYB	44, 74, 110
Decimal	2909294
CIELab	39.20, -15.12, -11.21
CIElCh	39, 18.828, 216.558
Yxy	10.7756, 0.2364, 0.3029
Android (android.graphics.Color)	4281099374 (0xFF2C646E)
YUV	84.3960, 12.6228, -35.4273
Hunter-Lab	32.8262, -11.7127, -6.6222




Details

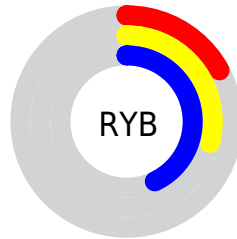
The Hex color **2C646E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E362C**, and the grayscale version is **545454**.




A 20% lighter version of the original color is **6197A2**, and **00353E** is the 20% darker color. If you saturate the color by 10%, you get **21626E**, and if you desaturate by 10%, it is **37666E**.

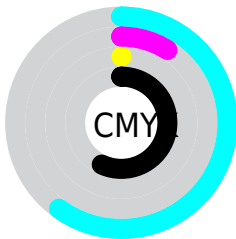
Distribution







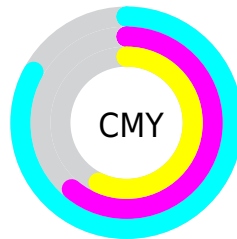
-  Red (17%)
-  Green (39%)
-  Blue (43%)






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



-  Cyan (60%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (57%)



-  Cyan (83%)
-  Magenta (61%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C646E 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 2C646E by changing the saturation by 10% instead.

■ 2C646E

■ 2C646E

FFFFFF

■ 0D4C56

■ 6197A2

■ 00353E

■ 7BB2BD

■ 002029

■ 96CDD8

■ 000115

■ B2EAF5

■ 000000

■ CEFFFF

■ EBFFFF

■ 2C646E

■ 2C646E

■ 21626E

■ 37666E

■ 16616E

■ 42676E

■ 0B5F6E

■ 4D696E

■ 005D6E

■ 586B6E

■ 636C6E

■ 6E6E6E

■ 79706E

■ 84716E

■ 8F736E

Harmonies

Analogous

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



32655F



2C646E



386178

Triad

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



2C646E



735369



645C3E

Complementary

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



2C646E



6E362C

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.



715741



2C646E



7A5159

Square

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



2C646E



635775



7A534B



536143

Rectangle

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



2C646E



465E7B



7A534B



695B3E

Sweetspot

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



2C646E



758B8F



2C6E36



384547



C7C7C7



474747

Same Dimension

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



2C646E



287F8F



2C436E



323738



006678



00D2F7

Inverse Universe

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



6E2C64



8F287F



6E572C



383237



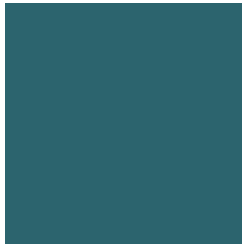
780066



F700D2

Previews

White Background



This preview shows how the Hex color 2C646E looks on a white background.

Color Contrast Check

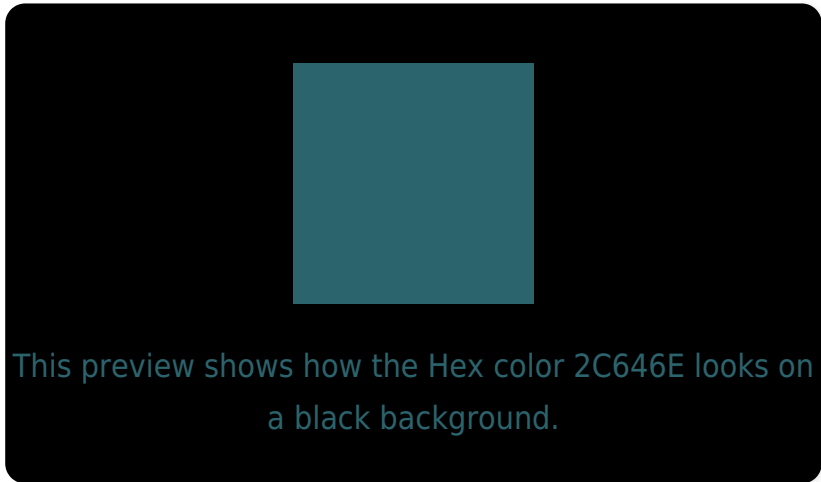
Large Text (above 18pt) WCAG AA ✓ Pass

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

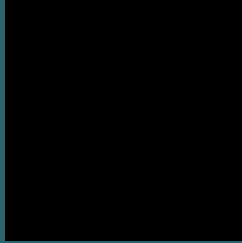
Any Text WCAG AA × Fail

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 2C646E Background



This preview shows how black text looks on a background with the Hex color 2C646E.

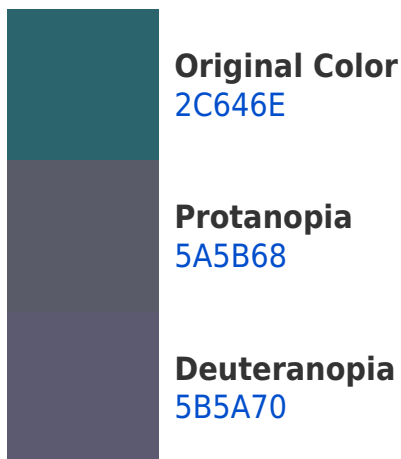



This preview shows how white text looks on a background with the Hex color 2C646E.

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
2B646C

Trichromacy



Original Color
2C646E

Protanomaly
495E6A

Deuteranomaly
4A5E6F

Tritanomaly
2B646D

Monochromacy



Original Color
2C646E

Achromatopsia
545454

Achromatomaly
455A5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C646E 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 #2C646E looks like.

```
.text, #text, p{  
    color:#2C646E  
}
```

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 #2C646E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C646E
}
```

Border

The CSS property to change the border of an element to Hex 2C646E 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
#2C646E }
```

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

```
.border{ border-color:#2C646E }
```

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

Here you see how a box with a 4 pixel #2C646E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C646E; -webkit-box-shadow:4px 4px  
4px 4px #2C646E; box-shadow:4px 4px 4px  
4px #2C646E }
```

Background

The CSS property to change the background color of an element to Hex 2C646E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C646E }
```

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

```
.background{ background-color:#2C646E }
```

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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