

Converting Colors

Hex(2C616B)

Have a look what the booklet for
Hex(2C616B) contains.

| | |
|--|----|
| Hex(2C616B) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(2C616B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 2C616B |
| RGB | 44, 97, 107 |
| RGB Percent | 17%, 38%, 42% |
| CMY | 0.8275, 0.6196, 0.5804 |
| CMYK | 0.59, 0.09, 0.00, 0.58 |
| HSL | 190°, 42%, 30% |
| HSV | 190°, 59%, 42% |
| XYZ | 7.9672, 10.1464, 15.4485 |
| YIQ | 82.2930, -34.7980, -8.1260 |

Conversions

Conversions Part 2

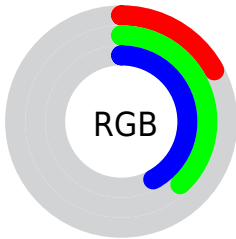
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 44, 73, 107 |
| Decimal | 2908523 |
| CIELab | 38.10, -14.38, -11.03 |
| CIElCh | 38, 18.126, 217.484 |
| Yxy | 10.1464, 0.2374, 0.3023 |
| Android (android.graphics.Color) | 4281098603 (0xFF2C616B) |
| YUV | 82.2930, 12.1806, -33.5830 |
| Hunter-Lab | 31.8534, -11.0967, -6.4574 |




Details

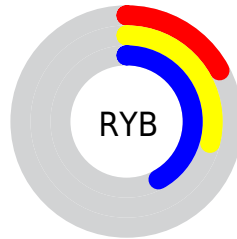
The Hex color **2C616B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B362C**, and the grayscale version is **525252**.




A 20% lighter version of the original color is **60949E**, and **00323C** is the 20% darker color. If you saturate the color by 10%, you get **215F6B**, and if you desaturate by 10%, it is **37636B**.

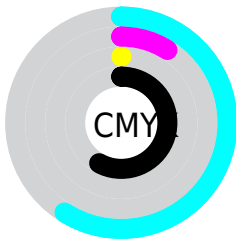
Distribution







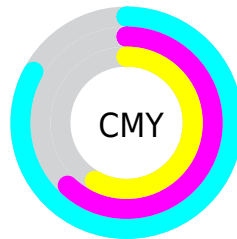
-  Red (17%)
-  Green (38%)
-  Blue (42%)






-  Red (17%)
-  Yellow (29%)
-  Blue (42%)



-  Cyan (59%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (83%)
-  Magenta (62%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C616B 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 2C616B by changing the saturation by 10% instead.

■ 2C616B

■ 2C616B

FFFFFF

■ 0E4953

■ 60949E

■ 00323C

■ 7AAEB9

■ 001E26

■ 95CAD5

■ 000111

■ B1E6F1

■ 000000

■ CDFFFF

■ EAFFFF

■ 2C616B

■ 2C616B

■ 215F6B

■ 37636B

■ 175E6B

■ 41646B

■ 0C5C6B

■ 4C666B

■ 015A6B

■ 57686B

■ 005A6B

■ 62696B

■ 6C6B6B

■ 776D6B

■ 826F6B

■ 8C706B

Harmonies

Analogous

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



31625D



2C616B



385E74

Triad

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



2C616B



705065



605A3D

Complementary

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



2C616B



6B362C

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.



6E553F



2C616B



774F56

Square

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



2C616B



615571



765149



505E42

Rectangle

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



2C616B



455B77



765149



65583C

Sweetspot

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



2C616B



73888C



2C6B35



384547



C7C7C7



474747

Same Dimension

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



2C616B



297C8C



2C426B



303536



006375



00CEF5

Inverse Universe

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



6B2C61



8C297C



6B552C



363035



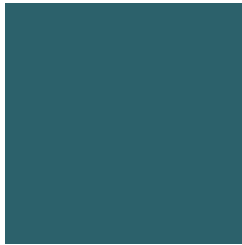
750063



F500CE

Previews

White Background



This preview shows how the Hex color 2C616B looks on a white background.

Color Contrast Check

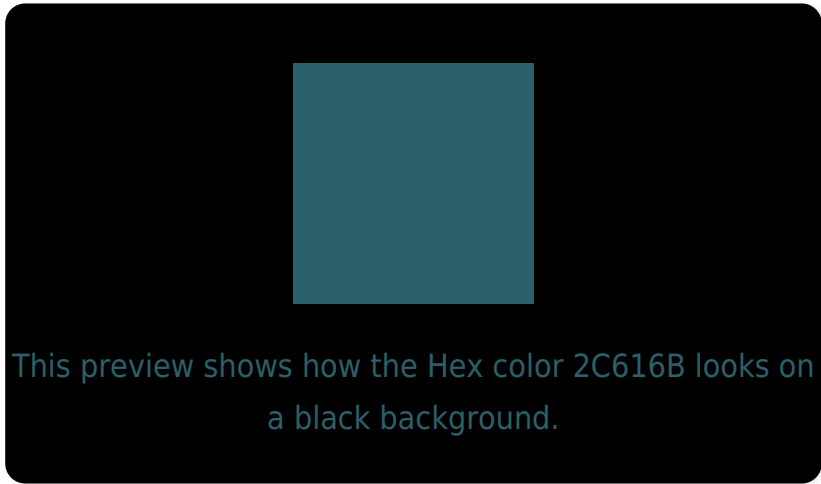
Large Text (above 18pt) WCAG AA ✓ Pass

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

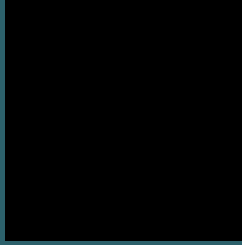
Any Text WCAG AA × Fail

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 2C616B Background



This preview shows how black text looks on a background with the Hex color 2C616B.



This preview shows how white text looks on a background with the Hex color 2C616B.

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
2C616B

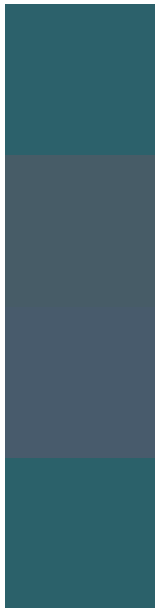
Protanopia
575965

Deuteranopia
58576D



Tritanopia
2B6169

Trichromacy



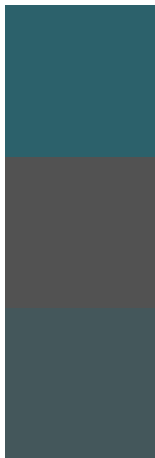
Original Color
2C616B

Protanomaly
475C67

Deuteranomaly
485B6C

Tritanomaly
2B616A

Monochromacy



Original Color
2C616B

Achromatopsia
525252

Achromatomaly
44575B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C616B 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 #2C616B looks like.

```
.text, #text, p{  
    color:#2C616B  
}
```

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 #2C616B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C616B
}
```

Border

The CSS property to change the border of an element to Hex 2C616B 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
#2C616B }
```

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

```
.border{ border-color:#2C616B }
```

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

Here you see how a box with a 4 pixel #2C616B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C616B; -webkit-box-shadow:4px 4px  
4px 4px #2C616B; box-shadow:4px 4px 4px  
4px #2C616B }
```

Background

The CSS property to change the background color of an element to Hex 2C616B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C616B }
```

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

```
.background{ background-color:#2C616B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor