

# Converting Colors

Hex(2C666B)

Have a look what the booklet for  
Hex(2C666B) contains.

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# Color

**Hex(2C666B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2C666B
RGB	44, 102, 107
RGB Percent	17%, 40%, 42%
CMY	0.8275, 0.6000, 0.5804
CMYK	0.59, 0.05, 0.00, 0.58
HSL	185°, 42%, 30%
HSV	185°, 59%, 42%
XYZ	8.4439, 11.0998, 15.6073
YIQ	85.2280, -36.1730, -10.7410

# Conversions

## Conversions Part 2

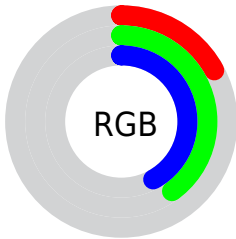
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 74, 107
Decimal	2909803
CIELab	39.75, -17.19, -8.55
CIELCh	40, 19.200, 206.451
Yxy	11.0998, 0.2402, 0.3158
Android (android.graphics.Color)	4281099883 (0xFF2C666B)
YUV	85.2280, 10.7336, -36.1570
Hunter-Lab	33.3163, -13.0632, -4.4536




# Details

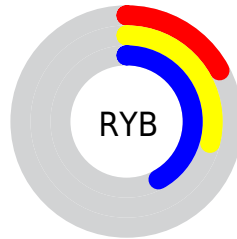
The Hex color **2C666B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B312C**, and the grayscale version is **555555**.




A 20% lighter version of the original color is **61999E**, and **00373C** is the 20% darker color. If you saturate the color by 10%, you get **21656B**, and if you desaturate by 10%, it is **37676B**.

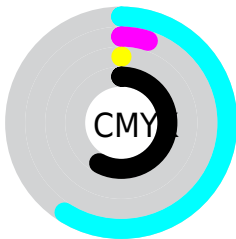
# Distribution







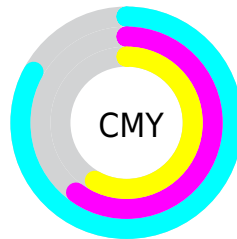
-  Red (17%)
-  Green (40%)
-  Blue (42%)






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



-  Cyan (59%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (83%)
-  Magenta (60%)
-  Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C666B 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 2C666B by changing the saturation by 10% instead.



 2C666B

 2C666B

FFFFFF

 0D4E53

 61999E

 00373C

 7BB4B9

 002126

 96D0D5

 000112

 B2ECF1


 000000

 CEFFFF

 EBFFFF

 2C666B

 2C666B

 21656B

 37676B

17646B

41686B

0C636B

4C696B

01636B

57696B

00636B

626A6B

6C6B6B

776C6B

826D6B

8C6E6B

# Harmonies

## Analogous

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



37665B



2C666B



326477

# Triad

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



2C666B



70556F



6A5C3E

# Complementary

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



2C666B



6B312C

# 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.



775744



2C666B



7B5260

# Square

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



2C666B



5D5A7A



7D5350



5A6141

# Rectangle

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



2C666B



3F617C



7D5350



6F5A3F



# Sweetspot

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



2C666B



738A8C



2C6B30



384647



C7C7C7



474747



# Same Dimension

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



2C666B



29848C



2C476B



303536



006C75



00E1F5



# Inverse Universe

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



6B2C66



8C2984



6B502C



363035



75006C

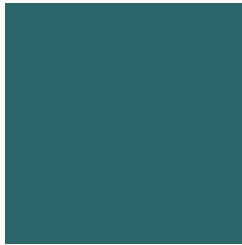


F500E1



# Previews

## White Background



This preview shows how the Hex color 2C666B looks on a white background.

### Color Contrast Check

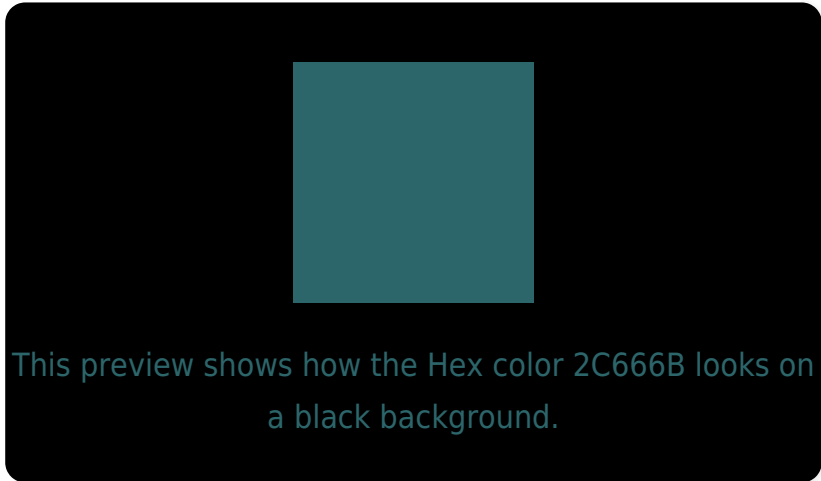
Large Text (above 18pt) WCAG AA ✓ Pass

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

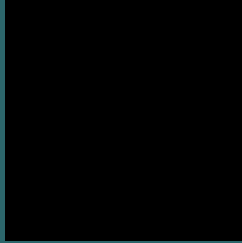
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2C666B Background



This preview shows how black text looks on a background with the Hex color 2C666B.



This preview shows how white text looks on a background with the Hex color 2C666B.

# 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**  
2C666B

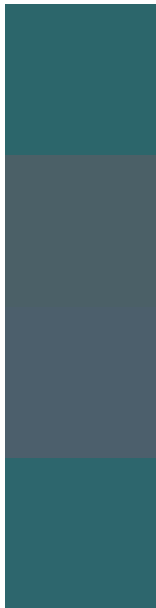
**Protanopia**  
5D5D65

**Deuteranopia**  
5E5B6D



**Tritanopia**  
2D666E

# Trichromacy



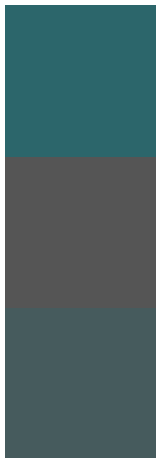
**Original Color**  
2C666B

**Protanomaly**  
4B6067

**Deuteranomaly**  
4C5F6C

**Tritanomaly**  
2D666D

# Monochromacy



**Original Color**  
2C666B

**Achromatopsia**  
555555

**Achromatomaly**  
465B5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C666B 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 #2C666B looks like.

```
.text, #text, p{  
    color:#2C666B  
}
```

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 #2C666B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C666B
}
```

## Border

The CSS property to change the border of an element to Hex 2C666B 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
#2C666B }
```

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

```
.border{ border-color:#2C666B }
```

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

Here you see how a box with a 4 pixel #2C666B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C666B; -webkit-box-shadow:4px 4px  
4px 4px #2C666B; box-shadow:4px 4px 4px  
4px #2C666B }
```

# Background

The CSS property to change the background color of an element to Hex 2C666B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C666B }
```

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

```
.background{ background-color:#2C666B }
```

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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