

Converting Colors

Hex(2B666C)

Have a look what the booklet for
Hex(2B666C) contains.

Hex(2B666C)	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(2B666C)

Conversions

Conversions Part 1

Format	Color
Hex	2B666C
RGB	43, 102, 108
RGB Percent	17%, 40%, 42%
CMY	0.8314, 0.6000, 0.5765
CMYK	0.60, 0.06, 0.00, 0.58
HSL	186°, 43%, 30%
HSV	186°, 60%, 42%
XYZ	8.4544, 11.0990, 15.8841
YIQ	85.0430, -37.0900, -10.6420

Conversions

Conversions Part 2

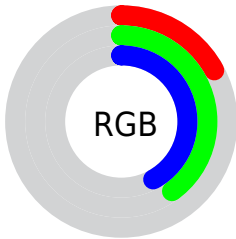
Format	Color
RYB	43, 74, 108
Decimal	2844268
CIELab	39.75, -17.09, -9.17
CIElCh	40, 19.397, 208.211
Yxy	11.0990, 0.2386, 0.3132
Android (android.graphics.Color)	4281034348 (0xFF2B666C)
YUV	85.0430, 11.3178, -36.8717
Hunter-Lab	33.3152, -13.0037, -4.9477

Details

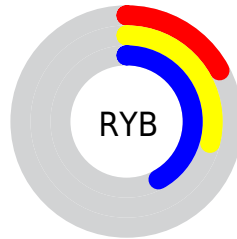
The Hex color **2B666C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6C312B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **60999F**, and **00373D** is the 20% darker color. If you saturate the color by 10%, you get **20656C**, and if you desaturate by 10%, it is **36676C**.

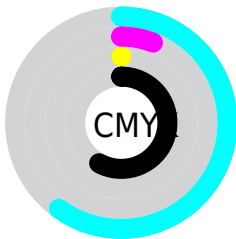
Distribution



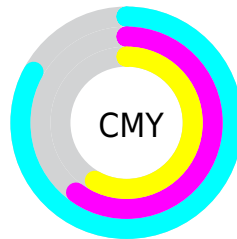
- Red (17%)
- Green (40%)
- Blue (42%)



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



- Cyan (60%)
- Magenta (6%)
- Yellow (0%)
- Black (58%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2B666C 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 2B666C by changing the saturation by 10% instead.

 2B666C

 2B666C


FFFFFF

 0B4E54

 60999F

 00373D

 7AB4BA

 002127

 95D0D6

 000113

 B1ECF2

 000000

 CDFFFF

 EAFFFF

 2B666C

 2B666C

 20656C

 36676C

15646C

41686C

0B636C

4B696C

00626C

566A6C

616B6C

6C6C6C

776D6C

816E6C

8C6F6C

Harmonies

Analogous

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



35665C



2B666C



336478

Triad

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



2B666C



71556F



6A5C3E

Complementary

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



2B666C



6C312B

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.



765743



2B666C



7B525F

Square

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



2B666C



5F5A79



7D534F



596141

Rectangle

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



2B666C



40617C



7D534F



6E5B3F

Sweetspot

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



2B666C



738A8C



2B6C30



384647



C7C7C7



474747

Same Dimension

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



2B666C



27838C



2B466C



303536



006A75



00DEF5

Inverse Universe

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



6C2B66



8C2783



6C512B



363035



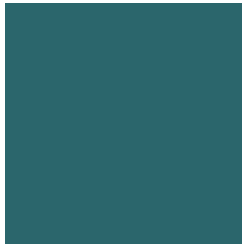
75006A



F500DE

Previews

White Background



This preview shows how the Hex color 2B666C looks on a white background.

Color Contrast Check

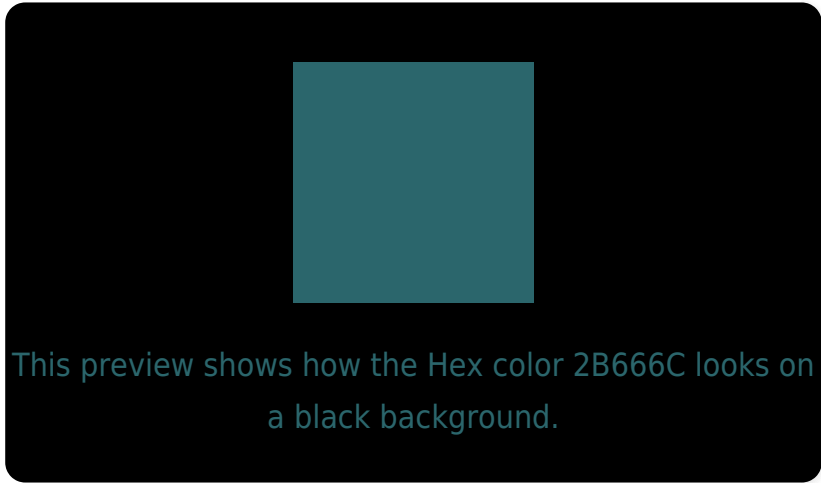
Large Text (above 18pt) WCAG AA ✓ Pass

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

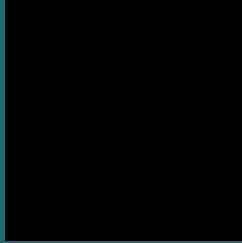
Any Text WCAG AA × Fail

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 2B666C Background



This preview shows how black text looks on a background with the Hex color 2B666C.

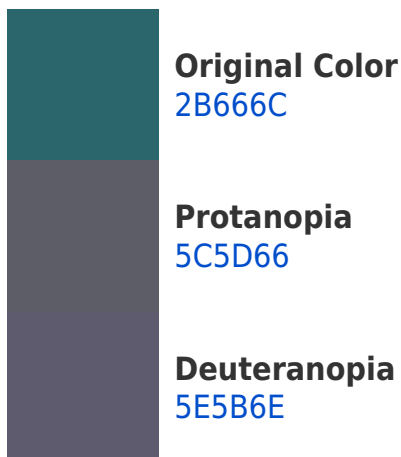



This preview shows how white text looks on a background with the Hex color 2B666C.

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](#).

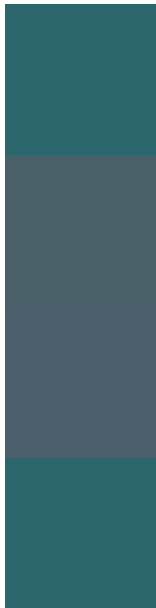
Dichromacy





Tritanopia
2C666E

Trichromacy



Original Color
2B666C

Protanomaly
4A6068

Deuteranomaly
4B5F6D

Tritanomaly
2C666D

Monochromacy



Original Color
2B666C

Achromatopsia
555555

Achromatomaly
465B5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B666C 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 #2B666C looks like.

```
.text, #text, p{  
    color:#2B666C  
}
```

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 #2B666C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B666C
}
```

Border

The CSS property to change the border of an element to Hex 2B666C 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
#2B666C }
```

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

```
.border{ border-color:#2B666C }
```

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

Here you see how a box with a 4 pixel #2B666C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B666C; -webkit-box-shadow:4px 4px  
4px 4px #2B666C; box-shadow:4px 4px 4px  
4px #2B666C }
```

Background

The CSS property to change the background color of an element to Hex 2B666C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B666C }
```

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

```
.background{ background-color:#2B666C }
```

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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