

Converting Colors

Hex(2B686C)

Have a look what the booklet for
Hex(2B686C) contains.

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Color

Hex(2B686C)

Conversions

Conversions Part 1

Format	Color
Hex	2B686C
RGB	43, 104, 108
RGB Percent	17%, 41%, 42%
CMY	0.8314, 0.5922, 0.5765
CMYK	0.60, 0.04, 0.00, 0.58
HSL	184°, 43%, 30%
HSV	184°, 60%, 42%
XYZ	8.6533, 11.4969, 15.9504
YIQ	86.2170, -37.6400, -11.6880

Conversions

Conversions Part 2

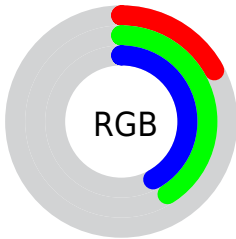
Format	Color
RYB	43, 74, 108
Decimal	2844780
CIELab	40.41, -18.19, -8.18
CIELCh	40, 19.948, 204.211
Yxy	11.4969, 0.2397, 0.3185
Android (android.graphics.Color)	4281034860 (0xFF2B686C)
YUV	86.2170, 10.7390, -37.9013
Hunter-Lab	33.9071, -13.7829, -4.1559




Details

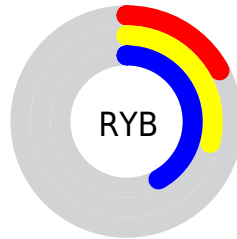
The Hex color **2B686C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6C2F2B**, and the grayscale version is **565656**.




A 20% lighter version of the original color is **609B9F**, and **00393D** is the 20% darker color. If you saturate the color by 10%, you get **20676C**, and if you desaturate by 10%, it is **36696C**.

Distribution







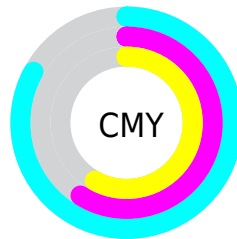
-  Red (17%)
-  Green (41%)
-  Blue (42%)






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



-  Cyan (60%)
-  Magenta (4%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (83%)
-  Magenta (59%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B686C 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 2B686C by changing the saturation by 10% instead.

 2B686C

 2B686C

FFFFFF

 0A5054

 609B9F

 00393D

 7BB6BA

 002327

 96D2D6

 000413

 B1EEF2

 000000

 CEFFFF

 EAFFFF

 2B686C

 2B686C

 20676C

 36696C

15676C

41696C

0B666C

4B6A6C

00656C

566B6C

616B6C

6C6C6C

776D6C

816D6C

8C6E6C

Harmonies

Analogous

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



38685B



2B686C



306679

Triad

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



2B686C



715772



6E5D3F

Complementary

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



2B686C



6C2F2B

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.



7A5845



2B686C



7D5363

Square

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



2B686C



5D5C7D



805453



5D6241

Rectangle

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



2B686C



3D637E



805453



725B40

Sweetspot

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



2B686C



738B8C



2B6C2E



384647



C7C7C7



474747

Same Dimension

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



2B686C



27868C



2B486C



303536



006E75



00E6F5

Inverse Universe

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



6C2B68



8C2786



6C4F2B



363035



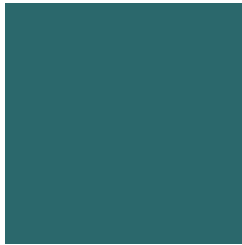
75006E



F500E6

Previews

White Background



This preview shows how the Hex color 2B686C looks on a white background.

Color Contrast Check

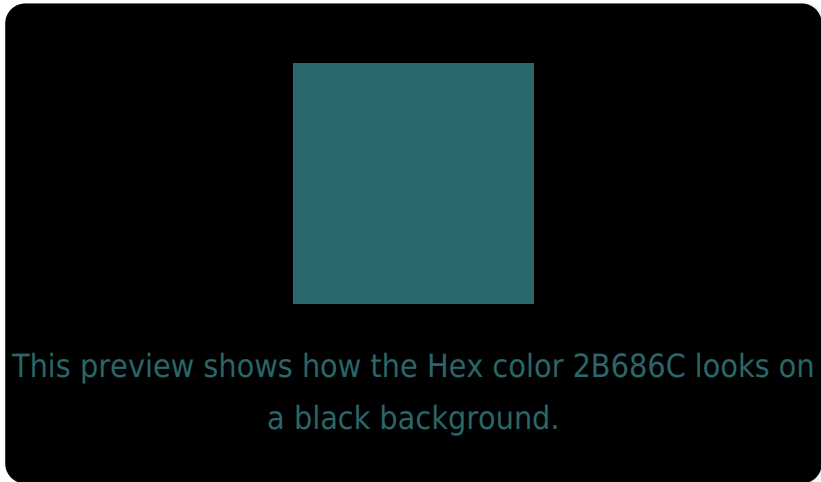
Large Text (above 18pt) WCAG AA ✓ Pass

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

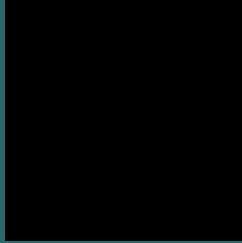
Any Text WCAG AA × Fail

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 2B686C Background



This preview shows how black text looks on a background with the Hex color 2B686C.

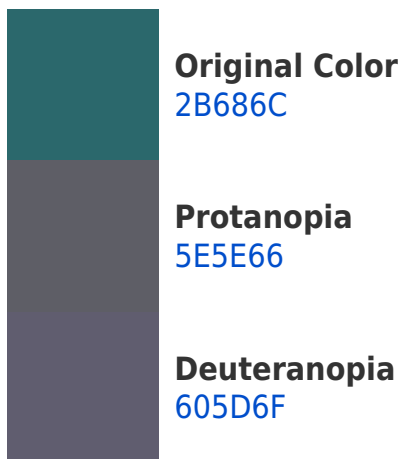


This preview shows how white text looks on a background with the Hex color 2B686C.

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](#).

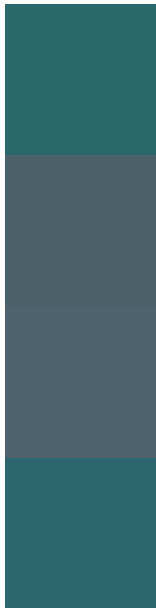
Dichromacy





Tritanopia
2D6770

Trichromacy



Original Color
2B686C

Protanomaly
4B6268

Deuteranomaly
4D616E

Tritanomaly
2C676F

Monochromacy



Original Color
2B686C

Achromatopsia
565656

Achromatomaly
465D5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B686C 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 #2B686C looks like.

```
.text, #text, p{  
    color:#2B686C  
}
```

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 #2B686C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B686C  
}
```

Border

The CSS property to change the border of an element to Hex 2B686C 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  
#2B686C }
```

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

```
.border{ border-color:#2B686C }
```

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

Here you see how a box with a 4 pixel #2B686C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B686C; -webkit-box-shadow:4px 4px  
4px 4px #2B686C; box-shadow:4px 4px 4px  
4px #2B686C }
```

Background

The CSS property to change the background color of an element to Hex 2B686C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B686C }
```

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

```
.background{ background-color:#2B686C }
```

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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