

Converting Colors

Hex(2B6870)

Have a look what the booklet for
Hex(2B6870) contains.

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Color

Hex(2B6870)

Conversions

Conversions Part 1

Format	Color
Hex	2B6870
RGB	43, 104, 112
RGB Percent	17%, 41%, 44%
CMY	0.8314, 0.5922, 0.5608
CMYK	0.62, 0.07, 0.00, 0.56
HSL	187°, 45%, 30%
HSV	187°, 62%, 44%
XYZ	8.8712, 11.5841, 17.0976
YIQ	86.6730, -38.9240, -10.4440

Conversions

Conversions Part 2

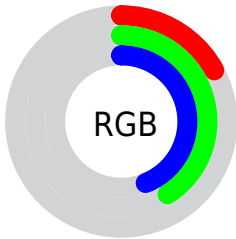
Format	Color
RYB	43, 75, 112
Decimal	2844784
CIELab	40.55, -16.93, -10.40
CIElCh	41, 19.875, 211.568
Yxy	11.5841, 0.2362, 0.3085
Android (android.graphics.Color)	4281034864 (0xFF2B6870)
YUV	86.6730, 12.4862, -38.3012
Hunter-Lab	34.0354, -13.0365, -5.9595

Details

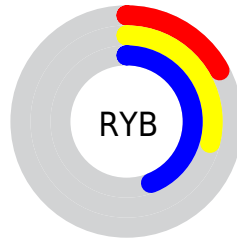
The Hex color **2B6870** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **70332B**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **609BA4**, and **003940** is the 20% darker color. If you saturate the color by 10%, you get **206770**, and if you desaturate by 10%, it is **366970**.

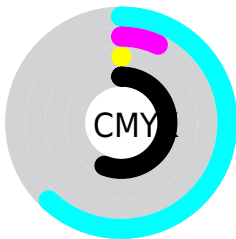
Distribution



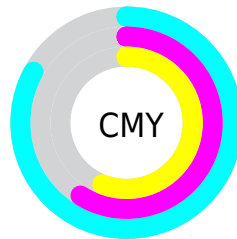
- Red (17%)
- Green (41%)
- Blue (44%)



- Red (17%)
- Yellow (29%)
- Blue (44%)



- Cyan (62%)
- Magenta (7%)
- Yellow (0%)
- Black (56%)



- Cyan (83%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B6870 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 2B6870 by changing the saturation by 10% instead.

■ 2B6870

■ 2B6870

FFFFFF

■ 095058

■ 609BA4

■ 003940

■ 7BB6BF

■ 00232A

■ 96D2DB

■ 000516

■ B2EEF7

■ 000000

■ CEFFFF

■ EBFFFF

■ 2B6870

■ 2B6870

■ 206770

■ 366970

■ 156570

■ 416B70

■ 096470

■ 4D6C70

■ 006370

■ 586D70

■ 636E70

■ 6E7070

■ 797170

■ 857270

■ 907470

Harmonies

Analogous

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



346960



2B6870



35657C

Triad

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



2B6870



75566F



6A5F3F

Complementary

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



2B6870



70332B

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.



785943



2B6870



7F535F

Square

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



2B6870



635B7B



7F554F



596444

Rectangle

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



2B6870



43637F



7F554F



6F5D40

Sweetspot

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



2B6870



778E91



2B7032



3A484A



C9C9C9



4A4A4A

Same Dimension

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



2B6870



268591



2B4770



323738



006A78



00DBF7

Inverse Universe

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



702B68



912685



70542B



383237



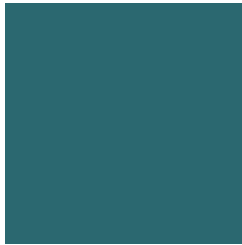
78006A



F700DB

Previews

White Background



This preview shows how the Hex color 2B6870 looks on a white background.

Color Contrast Check

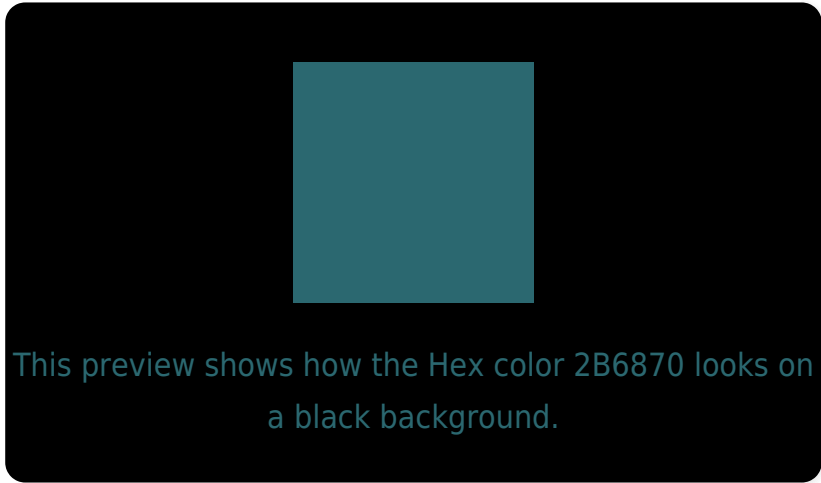
Large Text (above 18pt) WCAG AA ✓ Pass

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

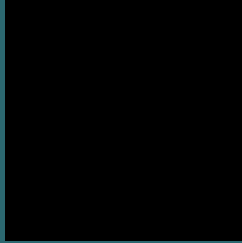
Any Text WCAG AA × Fail

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 2B6870 Background



This preview shows how black text looks on a background with the Hex color 2B6870.



This preview shows how white text looks on a background with the Hex color 2B6870.

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



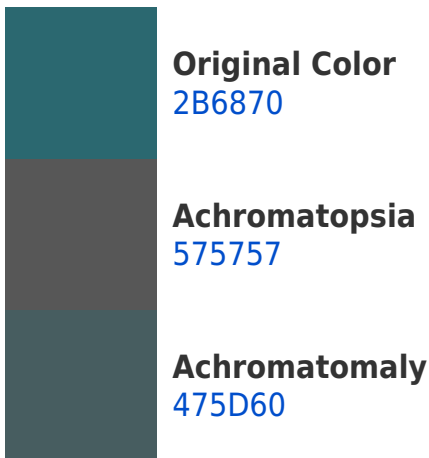


Tritanopia
2B6870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2B6870 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 #2B6870 looks like.

```
.text, #text, p{  
    color:#2B6870  
}
```

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 #2B6870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B6870  
}
```

Border

The CSS property to change the border of an element to Hex 2B6870 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  
#2B6870 }
```

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

```
.border{ border-color:#2B6870 }
```

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

Here you see how a box with a 4 pixel #2B6870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B6870; -webkit-box-shadow:4px 4px  
4px 4px #2B6870; box-shadow:4px 4px 4px  
4px #2B6870 }
```

Background

The CSS property to change the background color of an element to Hex 2B6870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B6870 }
```

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

```
.background{ background-color:#2B6870 }
```

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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