

Converting Colors

Hex(2B6873)

Have a look what the booklet for
Hex(2B6873) contains.

Hex(2B6873)	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(2B6873)

Conversions

Conversions Part 1

Format	Color
Hex	2B6873
RGB	43, 104, 115
RGB Percent	17%, 41%, 45%
CMY	0.8314, 0.5922, 0.5490
CMYK	0.63, 0.10, 0.00, 0.55
HSL	189°, 46%, 31%
HSV	189°, 63%, 45%
XYZ	9.0411, 11.6520, 17.9922
YIQ	87.0150, -39.8870, -9.5110

Conversions

Conversions Part 2

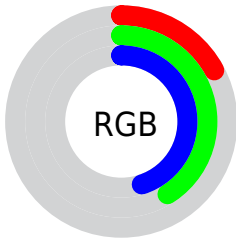
Format	Color
RYB	43, 76, 115
Decimal	2844787
CIELab	40.66, -15.97, -12.06
CIElCh	41, 20.016, 217.067
Yxy	11.6520, 0.2337, 0.3012
Android (android.graphics.Color)	4281034867 (0xFF2B6873)
YUV	87.0150, 13.7966, -38.6012
Hunter-Lab	34.1351, -12.4585, -7.3565

Details

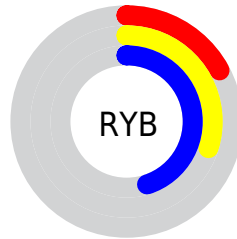
The Hex color **2B6873** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **73362B**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **619BA7**, and **003943** is the 20% darker color. If you saturate the color by 10%, you get **206673**, and if you desaturate by 10%, it is **376A73**.

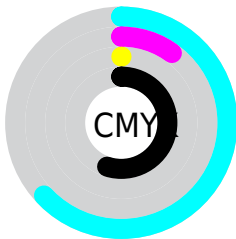
Distribution



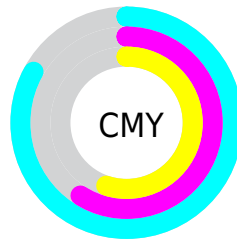
- Red (17%)
- Green (41%)
- Blue (45%)



- Red (17%)
- Yellow (30%)
- Blue (45%)



- Cyan (63%)
- Magenta (10%)
- Yellow (0%)
- Black (55%)



- Cyan (83%)
- Magenta (59%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B6873 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 2B6873 by changing the saturation by 10% instead.

■ 2B6873

■ 2B6873

FFFFFF

■ 09505A

■ 619BA7

■ 003943

■ 7BB6C2

■ 00232D

■ 97D2DE

■ 000619

■ B2EEFB

■ 000000

■ CFFFFF

■ EFFFFF

■ 2B6873

■ 2B6873

■ 206673

■ 376A73

■ 146473

■ 426C73

■ 096373

■ 4E6D73

■ 006173

■ 596F73

■ 657173

■ 707373

■ 7C7473

■ 877673

■ 937873

Harmonies

Analogous

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



316963



2B6873



39657E

Triad

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



2B6873



78556D



68603F

Complementary

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



2B6873



73362B

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.



765B42



2B6873



80545D

Square

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



2B6873



675A7A



7F564D



566545

Rectangle

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



2B6873



486280



7F564D



6D5E3F

Sweetspot

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



2B6873



7A9296



2B7336



3B4A4D



CCCCCC



4D4D4D

Same Dimension

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



2B6873



268596



2B4473



353A3B



00687A



00D4FA

Inverse Universe

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



732B68



962685



735A2B



3B353A



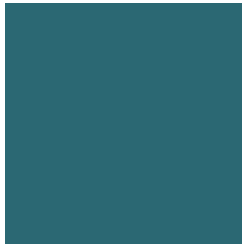
7A0068



FA00D4

Previews

White Background



This preview shows how the Hex color 2B6873 looks on a white background.

Color Contrast Check

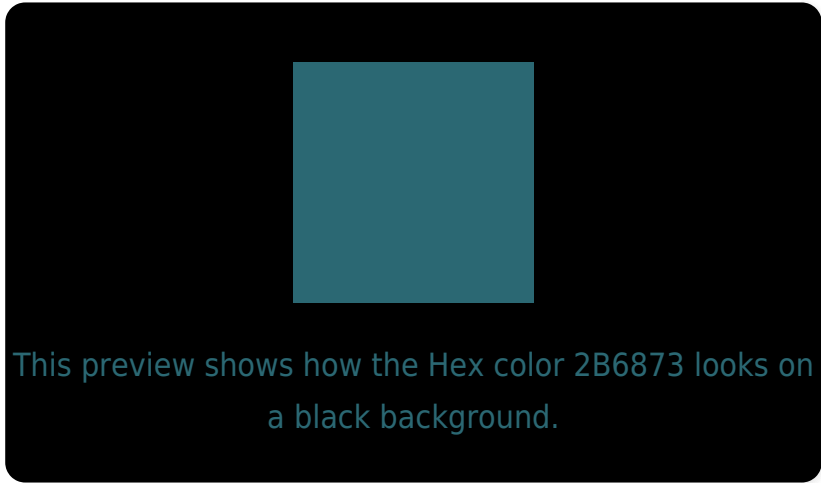
Large Text (above 18pt) WCAG AA ✓ Pass

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

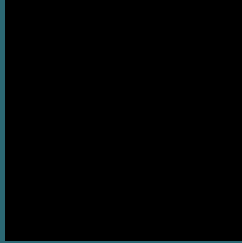
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

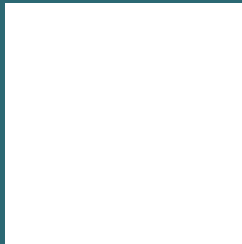
Any Text WCAG AAA × Fail

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

Hex 2B6873 Background



This preview shows how black text looks on a background with the Hex color 2B6873.

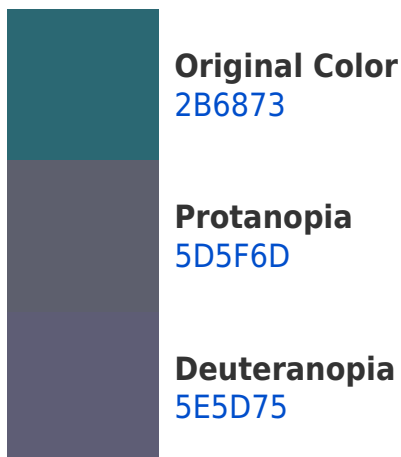



This preview shows how white text looks on a background with the Hex color 2B6873.

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
2A6871

Trichromacy



Original Color
2B6873

Protanomaly
4B626F

Deuteranomaly
4B6174

Tritanomaly
2A6872

Monochromacy



Original Color
2B6873

Achromatopsia
575757

Achromatomaly
475D61

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B6873 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 #2B6873 looks like.

```
.text, #text, p{  
    color:#2B6873  
}
```

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 #2B6873 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B6873  
}
```

Border

The CSS property to change the border of an element to Hex 2B6873 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  
#2B6873 }
```

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

```
.border{ border-color:#2B6873 }
```

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

Here you see how a box with a 4 pixel #2B6873 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B6873; -webkit-box-shadow:4px 4px  
4px 4px #2B6873; box-shadow:4px 4px 4px  
4px #2B6873 }
```

Background

The CSS property to change the background color of an element to Hex 2B6873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B6873 }
```

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

```
.background{ background-color:#2B6873 }
```

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