

Converting Colors

Hex(2C6371)

Have a look what the booklet for
Hex(2C6371) contains.

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Color

Hex(2C6371)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 2C6371 |
| RGB | 44, 99, 113 |
| RGB Percent | 17%, 39%, 44% |
| CMY | 0.8275, 0.6118, 0.5569 |
| CMYK | 0.61, 0.12, 0.00, 0.56 |
| HSL | 192°, 44%, 31% |
| HSV | 192°, 61%, 44% |
| XYZ | 8.4812, 10.6514, 17.2317 |
| YIQ | 84.1510, -37.2740, -7.3060 |

Conversions

Conversions Part 2

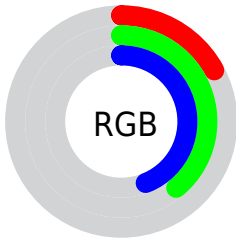
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 44, 75, 113 |
| Decimal | 2909041 |
| CIELab | 38.99, -13.58, -13.38 |
| CIElCh | 39, 19.063, 224.562 |
| Yxy | 10.6514, 0.2332, 0.2929 |
| Android (android.graphics.Color) | 4281099121 (0xFF2C6371) |
| YUV | 84.1510, 14.2226, -35.2124 |
| Hunter-Lab | 32.6365, -10.7274, -8.4589 |

Details

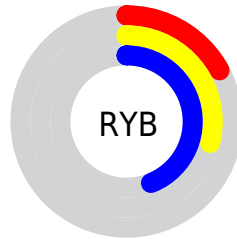
The Hex color **2C6371** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **713A2C**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6196A5**, and **003441** is the 20% darker color. If you saturate the color by 10%, you get **216171**, and if you desaturate by 10%, it is **376571**.

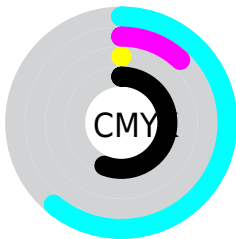
Distribution



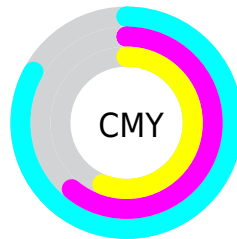
- Red (17%)
- Green (39%)
- Blue (44%)



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



- Cyan (61%)
- Magenta (12%)
- Yellow (0%)
- Black (56%)



- Cyan (83%)
- Magenta (61%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C6371 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 2C6371 by changing the saturation by 10% instead.



2C6371



2C6371

FFFFFF



0C4B59



6196A5



003441



7BB1C0



001F2B



96CCDC



000117



B2E8F8



000000



CEFFFF



EBFFFF



2C6371



2C6371



216171



376571

■ 155E71

■ 436871

■ 0A5C71

■ 4E6A71

■ 005A71

■ 596C71

■ 656E71

■ 707171

■ 7B7371

■ 867571

■ 927871

Harmonies

Analogous

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



2D6463



2C6371



3C6079

Triad

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



2C6371



755164



5F5D3E

Complementary

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



2C6371



713A2C

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.



6E583E



2C6371



7B5055

Square

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



2C6371



675572



785347



4E6145

Rectangle

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



2C6371



4B5C7A



785347



645C3D

Sweetspot

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



2C6371



798E94



2C713A



3A474A



C9C9C9



4A4A4A

Same Dimension

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



2C6371



287E94



2C4171



323738



006078



00C5F7

Inverse Universe

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



712C63



94287E



715C2C



383237



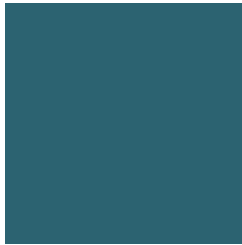
780060



F700C5

Previews

White Background



This preview shows how the Hex color 2C6371 looks on a white background.

Color Contrast Check

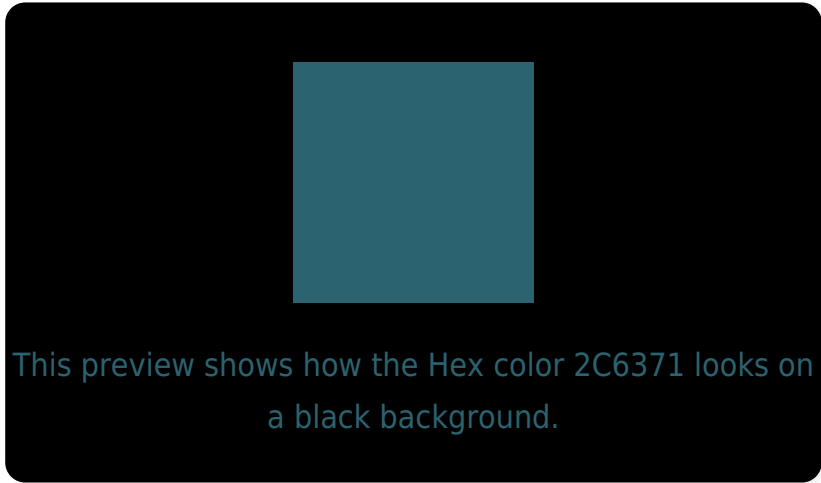
Large Text (above 18pt) WCAG AA ✓ Pass

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

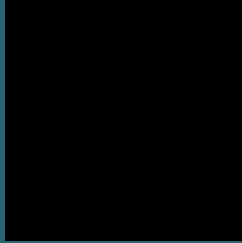
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

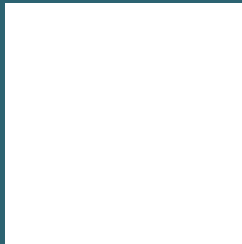
Any Text WCAG AAA × Fail

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

Hex 2C6371 Background



This preview shows how black text looks on a background with the Hex color 2C6371.

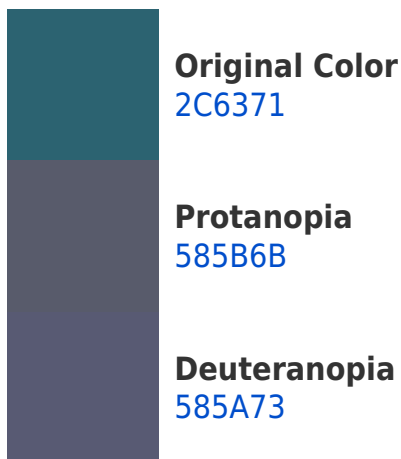



This preview shows how white text looks on a background with the Hex color 2C6371.

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



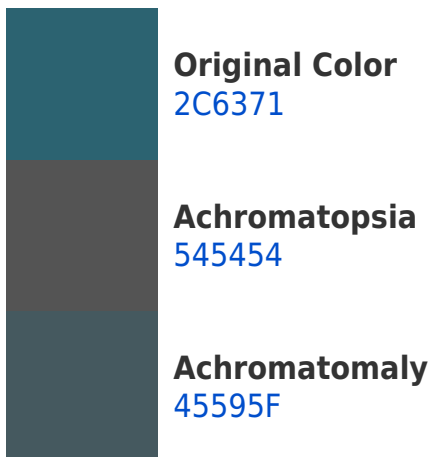


Tritanopia
2A646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2C6371 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 #2C6371 looks like.

```
.text, #text, p{  
    color:#2C6371  
}
```

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 #2C6371 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C6371
}
```

Border

The CSS property to change the border of an element to Hex 2C6371 is called "border". The border property can be set on classes, ids or directly on the HTML element.

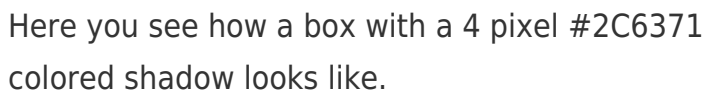
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C6371 }
```

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

```
.border{ border-color:#2C6371 }
```

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



Here you see how a box with a 4 pixel #2C6371 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C6371; -webkit-box-shadow:4px 4px  
4px 4px #2C6371; box-shadow:4px 4px 4px  
4px #2C6371 }
```

Background

The CSS property to change the background color of an element to Hex 2C6371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C6371 }
```

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

```
.background{ background-color:#2C6371 }
```

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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