

Converting Colors

Hex(2B8372)

Have a look what the booklet for
Hex(2B8372) contains.

Hex(2B8372)	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(2B8372)

Conversions

Conversions Part 1

Format	Color
Hex	2B8372
RGB	43, 131, 114
RGB Percent	17%, 51%, 45%
CMY	0.8314, 0.4863, 0.5529
CMYK	0.67, 0.00, 0.13, 0.49
HSL	168°, 51%, 34%
HSV	168°, 67%, 51%
XYZ	12.1498, 17.9611, 18.7461
YIQ	102.7500, -46.9910, -23.9430

Conversions

Conversions Part 2

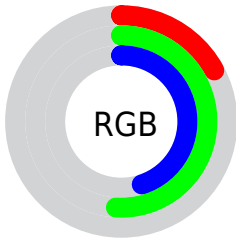
Format	Color
RYB	43, 92, 131
Decimal	2851698
CIELab	49.45, -30.23, 1.58
CIELCh	49, 30.276, 177.007
Yxy	17.9611, 0.2487, 0.3676
Android (android.graphics.Color)	4281041778 (0xFF2B8372)
YUV	102.7500, 5.5463, -52.4007
Hunter-Lab	42.3805, -22.9928, 3.4408




Details

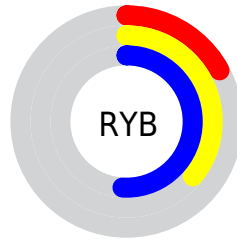
The Hex color **2B8372** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **832B3C**, and the grayscale version is **676767**.




A 20% lighter version of the original color is **64B9A6**, and **005142** is the 20% darker color. If you saturate the color by 10%, you get **1E836F**, and if you desaturate by 10%, it is **388375**.

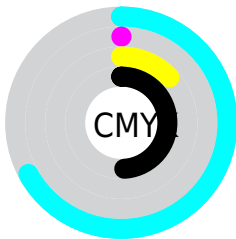
Distribution







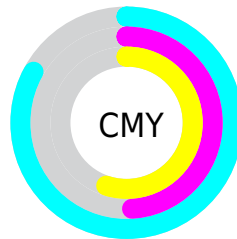
-  Red (17%)
-  Green (51%)
-  Blue (45%)






-  Red (17%)
-  Yellow (36%)
-  Blue (51%)



-  Cyan (67%)
-  Magenta (0%)
-  Yellow (13%)
-  Black (49%)



-  Cyan (83%)
-  Magenta (49%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B8372 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 2B8372 by changing the saturation by 10% instead.

 2B8372

 2B8372

FFFFFF

 00695A

 64B9A6

 005142

 80D4C1

 00392C

 9BF1DD

 002418

 B8FFF9

 000000

 D5FFFF

 F2FFFF

 2B8372

 2B8372

 1E836F

 388375

■ 11836D

■ 458377

■ 04836A

■ 52837A

■ 00836A

■ 5F837C

■ 6D837F

■ 7A8381

■ 878384

■ 948386

■ A18389

Harmonies

Analogous

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



508059



2B8372



00838C

Triad

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



2B8372



7570A3



9C6A4B

Complementary

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



2B8372



832B3C

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.



A76360



2B8372



936792

Square

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



2B8372



4A79A8



A46279



897342

Rectangle

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



2B8372



00819A



A46279



A16751

Sweetspot

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



2B8372



89ABA4



3D832B



425753



D6D6D6



575757

Same Dimension

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



2B8372



20AB90



2B6983



3C4241



008269



000302

Inverse Universe

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



832B3C



AB203B



83452B



423C3D



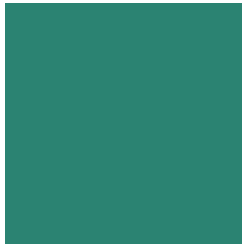
820019



030000

Previews

White Background



This preview shows how the Hex color 2B8372 looks on a white background.

Color Contrast Check

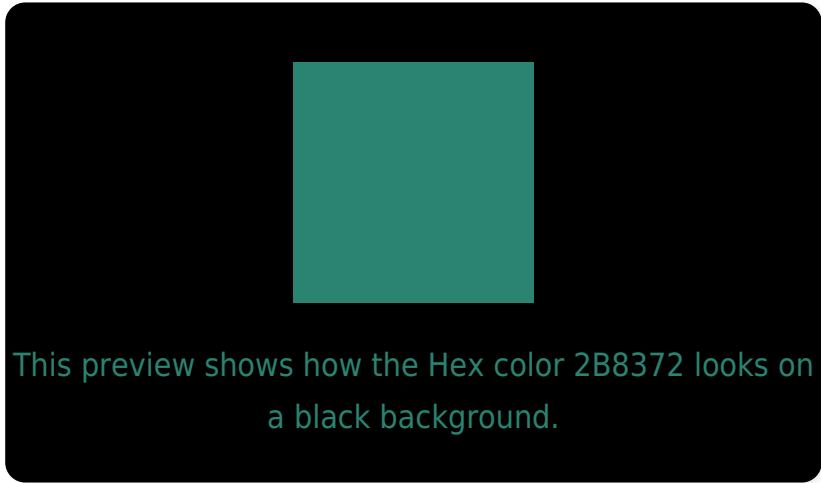
Large Text (above 18pt) WCAG AA ✓ Pass

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

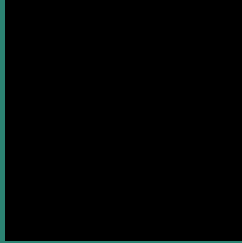
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 2B8372 Background



This preview shows how black text looks on a background with the Hex color 2B8372.

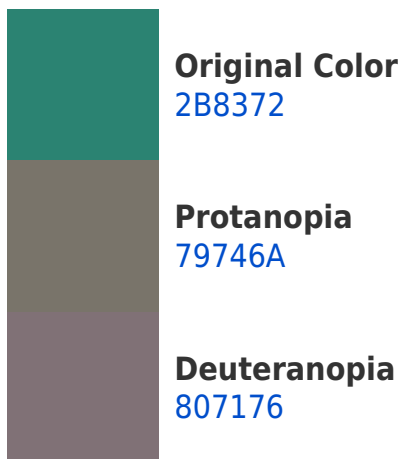


This preview shows how white text looks on a background with the Hex color 2B8372.

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
36808A

Trichromacy



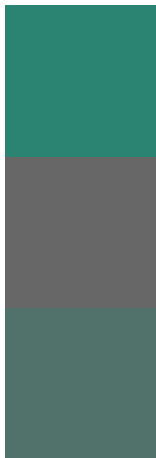
Original Color
2B8372

Protanomaly
5D796D

Deuteranomaly
617875

Tritanomaly
328181

Monochromacy



Original Color
2B8372

Achromatopsia
676767

Achromatomaly
51716B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B8372 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 #2B8372 looks like.

```
.text, #text, p{  
    color:#2B8372  
}
```

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 #2B8372 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B8372
}
```

Border

The CSS property to change the border of an element to Hex 2B8372 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
#2B8372 }
```

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

```
.border{ border-color:#2B8372 }
```

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

Here you see how a box with a 4 pixel #2B8372 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B8372; -webkit-box-shadow:4px 4px  
4px 4px #2B8372; box-shadow:4px 4px 4px  
4px #2B8372 }
```

Background

The CSS property to change the background color of an element to Hex 2B8372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B8372 }
```

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

```
.background{ background-color:#2B8372 }
```

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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