

Converting Colors

Hex(2B9770)

Have a look what the booklet for
Hex(2B9770) contains.

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Color

Hex(2B9770)

Conversions

Conversions Part 1

Format	Color
Hex	2B9770
RGB	43, 151, 112
RGB Percent	17%, 59%, 44%
CMY	0.8314, 0.4078, 0.5608
CMYK	0.72, 0.00, 0.26, 0.41
HSL	158°, 56%, 38%
HSV	158°, 72%, 59%
XYZ	14.9875, 23.8167, 19.1364
YIQ	114.2620, -51.8490, -35.0250

Conversions

Conversions Part 2

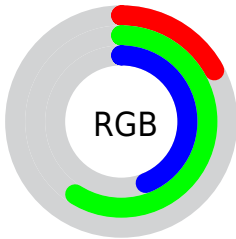
Format	Color
RYB	43, 109, 151
Decimal	2856816
CIELab	55.90, -39.80, 11.94
CIELCh	56, 41.557, 163.298
Yxy	23.8167, 0.2587, 0.4111
Android (android.graphics.Color)	4281046896 (0xFF2B9770)
YUV	114.2620, -1.1152, -62.4968
Hunter-Lab	48.8023, -30.5856, 10.9128

Details

The Hex color **2B9770** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **972B52**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **67CEA4**, and **006340** is the 20% darker color. If you saturate the color by 10%, you get **1C976B**, and if you desaturate by 10%, it is **3A9775**.

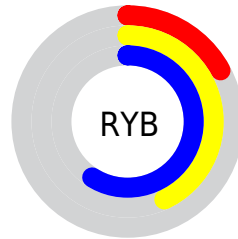
Distribution



Red (17%)

Green (59%)

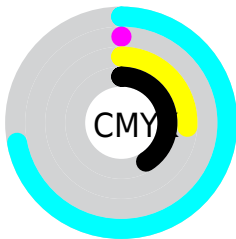
Blue (44%)



Red (17%)

Yellow (43%)

Blue (59%)

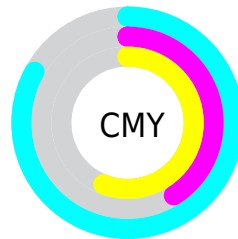


Cyan (72%)

Magenta (0%)

Yellow (26%)

Black (41%)



Cyan (83%)

Magenta (41%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B9770 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 2B9770 by changing the saturation by 10% instead.



2B9770



2B9770

FFFFFF



007D58



67CEA4



006340



84EBBF



004A2A



A0FFDB



003315



BDFFF7



001D00



DAFFFF



000000



F8FFFF



2B9770



2B9770



1C976B



3A9775

■ 0D9765

■ 49977B

■ 009760

■ 589780

■ 679786

■ 77978B

■ 869791

■ 959796

■ A4979C

■ B397A1

Harmonies

Analogous

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



649250



2B9770



009895

Triad

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



2B9770



6784CC



C37056

Complementary

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



2B9770



972B52

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.



CA6877



2B9770



9E76BB

Square

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



2B9770



008FCB



BE6B9C



AC7D40

Rectangle

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



2B9770



0097AD



BE6B9C



C76C60

Sweetspot

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



2B9770



9BC4B5



53972B



4B635A



E3E3E3



636363

Same Dimension

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



2B9770



1BC487



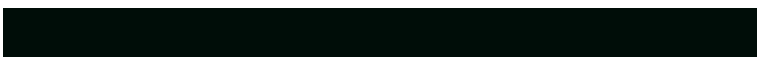
2B8997



454D4A



008C5A



000D08

Inverse Universe

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



972B52



C41B58



97392B



4D4548



8C0033



0D0005

Previews

White Background



This preview shows how the Hex color 2B9770 looks on a white background.

Color Contrast Check

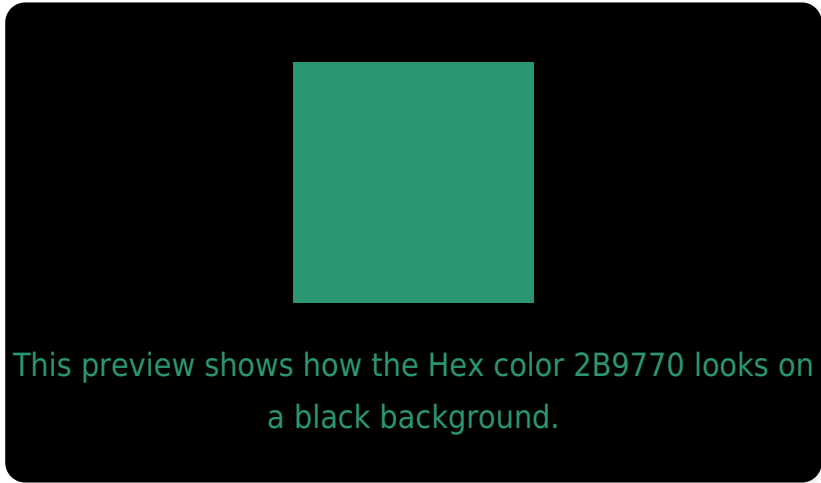
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

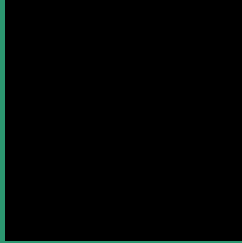
Any Text WCAG AA ✓ Pass

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 2B9770 Background



This preview shows how black text looks on a background with the Hex color 2B9770.

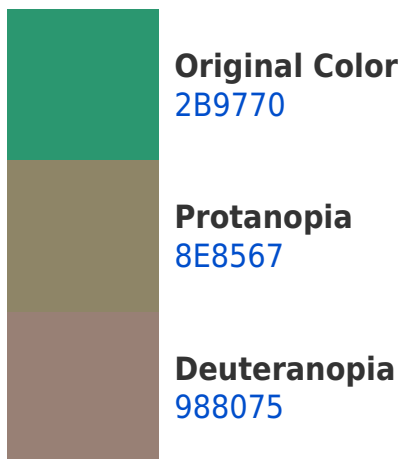


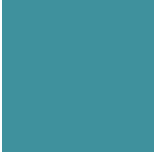
This preview shows how white text looks on a background with the Hex color 2B9770.

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
3F919D

Trichromacy



Original Color
2B9770



Protanomaly
6A8C6A



Deuteranomaly
708873



Tritanomaly
38938D

Monochromacy



Original Color
2B9770



Achromatopsia
727272



Achromatomaly
587F71

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B9770 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 #2B9770 looks like.

```
.text, #text, p{  
    color:#2B9770  
}
```

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 #2B9770 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B9770
}
```

Border

The CSS property to change the border of an element to Hex 2B9770 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
#2B9770 }
```

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

```
.border{ border-color:#2B9770 }
```

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

Here you see how a box with a 4 pixel #2B9770 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B9770; -webkit-box-shadow:4px 4px  
4px 4px #2B9770; box-shadow:4px 4px 4px  
4px #2B9770 }
```

Background

The CSS property to change the background color of an element to Hex 2B9770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B9770 }
```

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

```
.background{ background-color:#2B9770 }
```

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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