

Converting Colors

Hex(2B9751)

Have a look what the booklet for
Hex(2B9751) contains.

Hex(2B9751)	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(2B9751)

Conversions

Conversions Part 1

Format	Color
Hex	2B9751
RGB	43, 151, 81
RGB Percent	17%, 59%, 32%
CMY	0.8314, 0.4078, 0.6824
CMYK	0.72, 0.00, 0.46, 0.41
HSL	141°, 56%, 38%
HSV	141°, 72%, 59%
XYZ	13.5481, 23.2409, 11.5565
YIQ	110.7280, -41.8980, -44.6660

Conversions

Conversions Part 2

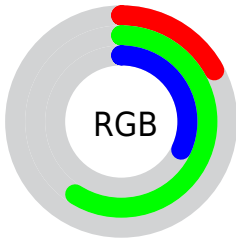
Format	Color
RYB	43, 123, 151
Decimal	2856785
CIELab	55.32, -46.23, 28.27
CIELCh	55, 54.186, 148.550
Yxy	23.2409, 0.2802, 0.4807
Android (android.graphics.Color)	4281046865 (0xFF2B9751)
YUV	110.7280, -14.6559, -59.3975
Hunter-Lab	48.2088, -34.2017, 19.5333

Details

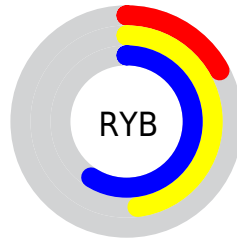
The Hex color **2B9751** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **972B71**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **67CE83**, and **006322** is the 20% darker color. If you saturate the color by 10%, you get **1C9747**, and if you desaturate by 10%, it is **3A975B**.

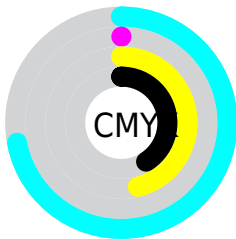
Distribution



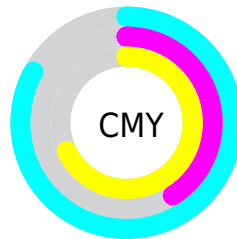
- Red (17%)
- Green (59%)
- Blue (32%)



- Red (17%)
- Yellow (48%)
- Blue (59%)



- Cyan (72%)
- Magenta (0%)
- Yellow (46%)
- Black (41%)



- Cyan (83%)
- Magenta (41%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B9751 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 2B9751 by changing the saturation by 10% instead.

 2B9751

 2B9751

FFFFFF

 007C39

 67CE83

 006322

 84EB9E

 004A0A

 A0FFB9

 003200

 BDFFD5

 001B00

 DAFFF1

 000000

 F8FFFF

 2B9751

 2B9751

 1C9747

 3A975B

0D973D

499765

009735

58976E

679778

779782

86978C

959796

A4979F

B397A9

Harmonies

Analogous

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



708F2A



2B9751



009B81

Triad

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



2B9751



008BE2



D85E5A

Complementary

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



2B9751



972B71

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.



D75889



2B9751



8179D7

Square

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



2B9751



0096D4



BB65B6



C36F33

Rectangle

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



2B9751



009BA1



BB65B6



DA5A69

Sweetspot

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



2B9751



9BC4AA



71972B



4B6353



E3E3E3



636363

Same Dimension

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



2B9751



1BC457



2B9787



454D48



008C31



000D04

Inverse Universe

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



972B71



C41B89



972B3B



4D454A



8C005B



0D0008

Previews

White Background



This preview shows how the Hex color 2B9751 looks on a white background.

Color Contrast Check

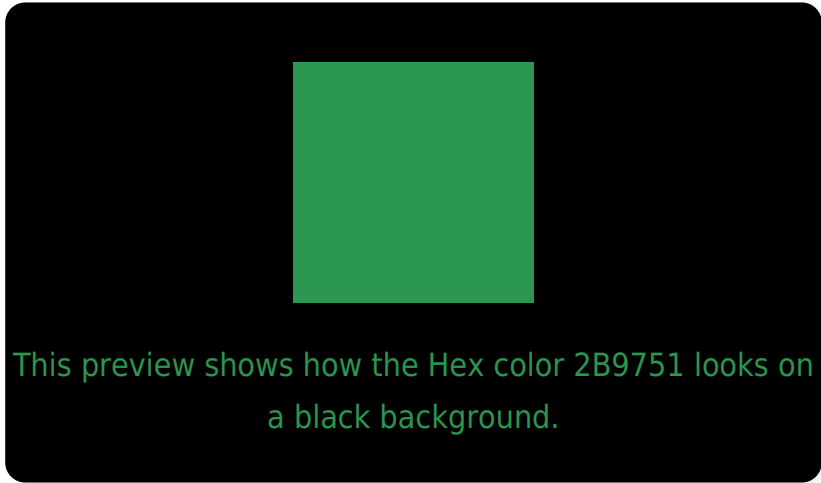
Large Text (above 18pt) WCAG AA ✓ Pass

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

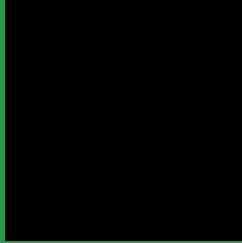
Any Text WCAG AA ✓ Pass

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 2B9751 Background



This preview shows how black text looks on a background with the Hex color 2B9751.



This preview shows how white text looks on a background with the Hex color 2B9751.

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
458F9A

Trichromacy



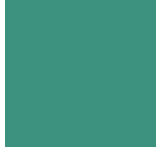
Original Color
2B9751



Protanomaly
6C8B4D



Deuteranomaly
748755



Tritanomaly
3C927F

Monochromacy



Original Color
2B9751



Achromatopsia
6F6F6F



Achromatomaly
567E64

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B9751 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 #2B9751 looks like.

```
.text, #text, p{  
    color:#2B9751  
}
```

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 #2B9751 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B9751
}
```

Border

The CSS property to change the border of an element to Hex 2B9751 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
#2B9751 }
```

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

```
.border{ border-color:#2B9751 }
```

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

Here you see how a box with a 4 pixel #2B9751 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B9751; -webkit-box-shadow:4px 4px  
4px 4px #2B9751; box-shadow:4px 4px 4px  
4px #2B9751 }
```

Background

The CSS property to change the background color of an element to Hex 2B9751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B9751 }
```

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

```
.background{ background-color:#2B9751 }
```

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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