

Converting Colors

Hex(2E9875)

Have a look what the booklet for
Hex(2E9875) contains.

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Color

Hex(2E9875)

Conversions

Conversions Part 1

Format	Color
Hex	2E9875
RGB	46, 152, 117
RGB Percent	18%, 60%, 46%
CMY	0.8196, 0.4039, 0.5412
CMYK	0.70, 0.00, 0.23, 0.40
HSL	160°, 54%, 39%
HSV	160°, 70%, 60%
XYZ	15.5658, 24.3217, 20.7038
YIQ	116.3160, -51.9410, -33.3570

Conversions

Conversions Part 2

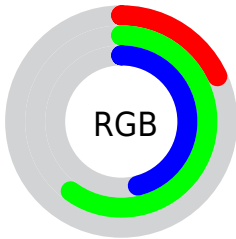
Format	Color
R_{YB}	46, 109, 152
Decimal	3053685
CIE _{Lab}	56.41, -38.55, 9.83
CIE _{LCh}	56, 39.783, 165.688
Yxy	24.3217, 0.2569, 0.4014
Android (android.graphics.Color)	4281243765 (0xFF2E9875)
YUV	116.3160, 0.3372, -61.6671
Hunter-Lab	49.3170, -29.9651, 9.6314

Details

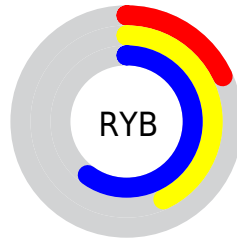
The Hex color **2E9875** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **982E51**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **6ACFA9**, and **006445** is the 20% darker color. If you saturate the color by 10%, you get **1F9870**, and if you desaturate by 10%, it is **3D987A**.

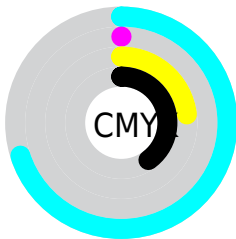
Distribution



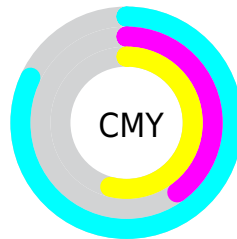
- Red (18%)
- Green (60%)
- Blue (46%)



- Red (18%)
- Yellow (43%)
- Blue (60%)



- Cyan (70%)
- Magenta (0%)
- Yellow (23%)
- Black (40%)



- Cyan (82%)
- Magenta (40%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E9875 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 2E9875 by changing the saturation by 10% instead.

 2E9875

 2E9875

FFFFFF

 007E5C

 6ACFA9

 006445

 86ECC4

 004B2E

 A3FFE0

 00341A

 BFFFFD

 001F00

 DDFFFF

 000000

 FAFFFF

 2E9875

 2E9875

 1F9870

 3D987A

■ 10986B

■ 4C987F

■ 009866

■ 5C9884

■ 6B9889

■ 7A988E

■ 899893

■ 989898

■ A8989D

■ B798A2

Harmonies

Analogous

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



649355



2E9875



009999

Triad

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



2E9875



7085CA



C17357

Complementary

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



2E9875



982E51

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.



C96B76



2E9875



A177B8

Square

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



2E9875



1B90CA



BF6D99



AB7F43

Rectangle

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



2E9875



0098AF



BF6D99



C67061

Sweetspot

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



2E9875



9BC4B7



51982E



4B635B



E3E3E3



636363

Same Dimension

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



2E9875



1FC48E



2E8698



454D4A



008C5E



000D09

Inverse Universe

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



982E51



C41F56



98402E



4D4547



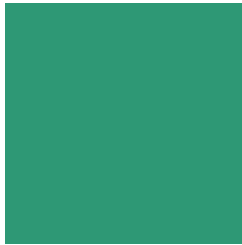
8C002E



0D0004

Previews

White Background



This preview shows how the Hex color 2E9875 looks on a white background.

Color Contrast Check

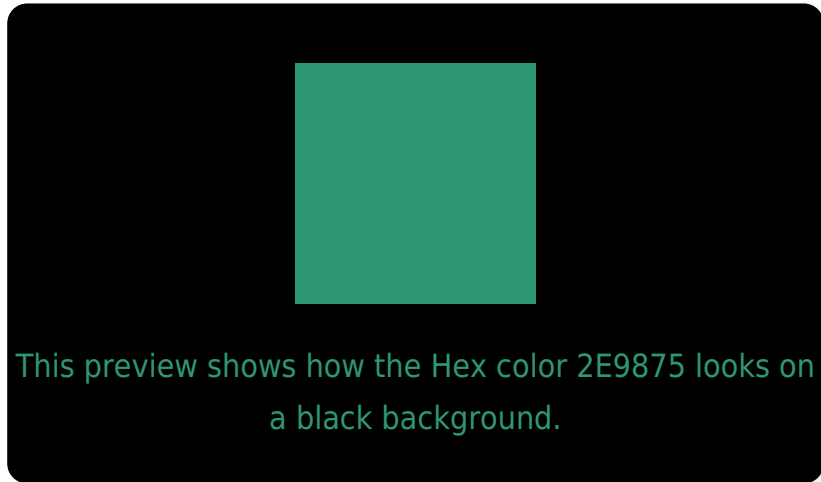
Large Text (above 18pt) WCAG AA ✓ Pass

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

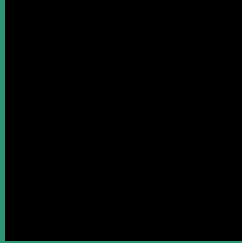
Any Text WCAG AA ✓ Pass

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 2E9875 Background



This preview shows how black text looks on a background with the Hex color 2E9875.

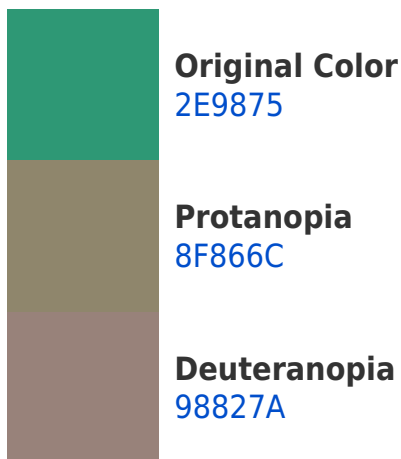


This preview shows how white text looks on a background with the Hex color 2E9875.

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
40929E

Trichromacy



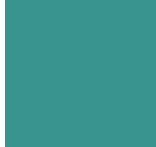
Original Color
2E9875



Protanomaly
6C8D6F



Deuteranomaly
718A78



Tritanomaly
39948F

Monochromacy



Original Color
2E9875



Achromatopsia
747474



Achromatomaly
5B8174

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E9875 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 #2E9875 looks like.

```
.text, #text, p{  
    color:#2E9875  
}
```

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 #2E9875 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E9875
}
```

Border

The CSS property to change the border of an element to Hex 2E9875 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
#2E9875 }
```

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

```
.border{ border-color:#2E9875 }
```

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

Here you see how a box with a 4 pixel #2E9875 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E9875; -webkit-box-shadow:4px 4px  
4px 4px #2E9875; box-shadow:4px 4px 4px  
4px #2E9875 }
```

Background

The CSS property to change the background color of an element to Hex 2E9875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E9875 }
```

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

```
.background{ background-color:#2E9875 }
```

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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