

# Converting Colors

Hex(2C9879)

Have a look what the booklet for  
Hex(2C9879) contains.

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**Color**

**Hex(2C9879)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2C9879
RGB	44, 152, 121
RGB Percent	17%, 60%, 47%
CMY	0.8275, 0.4039, 0.5255
CMYK	0.71, 0.00, 0.20, 0.40
HSL	163°, 55%, 38%
HSV	163°, 71%, 60%
XYZ	15.7181, 24.3724, 21.9651
YIQ	116.1740, -54.4170, -32.5370

# Conversions

## Conversions Part 2

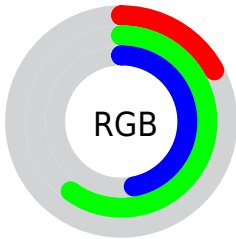
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 107, 152
Decimal	2922617
CIELab	56.46, -37.88, 7.63
CIElCh	56, 38.637, 168.608
Yxy	24.3724, 0.2533, 0.3928
Android (android.graphics.Color)	4281112697 (0xFF2C9879)
YUV	116.1740, 2.3792, -63.2966
Hunter-Lab	49.3684, -29.5632, 8.1785

# Details

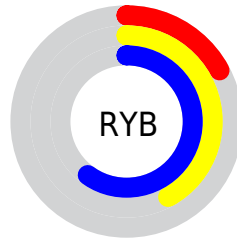
The Hex color **2C9879** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **982C4B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **69CFAD**, and **006448** is the 20% darker color. If you saturate the color by 10%, you get **1D9875**, and if you desaturate by 10%, it is **3B987D**.

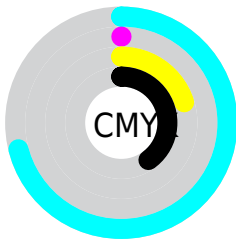
# Distribution



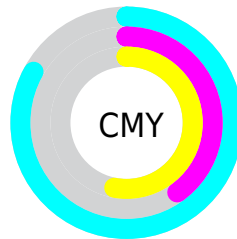
- Red (17%)
- Green (60%)
- Blue (47%)



- Red (17%)
- Yellow (42%)
- Blue (60%)



- Cyan (71%)
- Magenta (0%)
- Yellow (20%)
- Black (40%)



- Cyan (83%)
- Magenta (40%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C9879 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 2C9879 by changing the saturation by 10% instead.



 2C9879

 2C9879

FFFFFF

 007E60

 69CFAD

 006448

 85ECC9

 004B32

 A2FFE5

 00341D

 BEFFFF

 001F04

 DCFFFF

 000000

 F9FFFF

 2C9879

 2C9879

 1D9875

 3B987D

■ 0E9870

■ 4A9882

■ 00986C

■ 5A9886

■ 69988A

■ 78988F

■ 879893

■ 969898

■ A6989C

■ B598A0

# Harmonies

## Analogous

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



61945A



2C9879



00999C

# Triad

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



2C9879



7684C7



BE7556

# Complementary

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



2C9879



982C4B

# 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.



C86D74



2C9879



A577B4

# Square

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



2C9879



308FC9



C06D96



A78145

# Rectangle

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



2C9879



0097B0



C06D96



C3725F



# Sweetspot

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



2C9879



9BC4B9



4C982C



4B635C



E3E3E3



636363



# Same Dimension

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



2C9879



1DC494



2C8298



454D4A



008C64



000D09



# Inverse Universe

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



982C4B



C41D4D



98422C



4D4547



8C0028

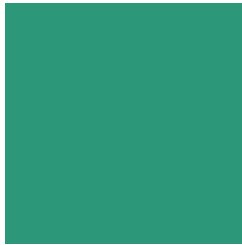


0D0004



# Previews

## White Background



This preview shows how the Hex color 2C9879 looks on a white background.

## Color Contrast Check

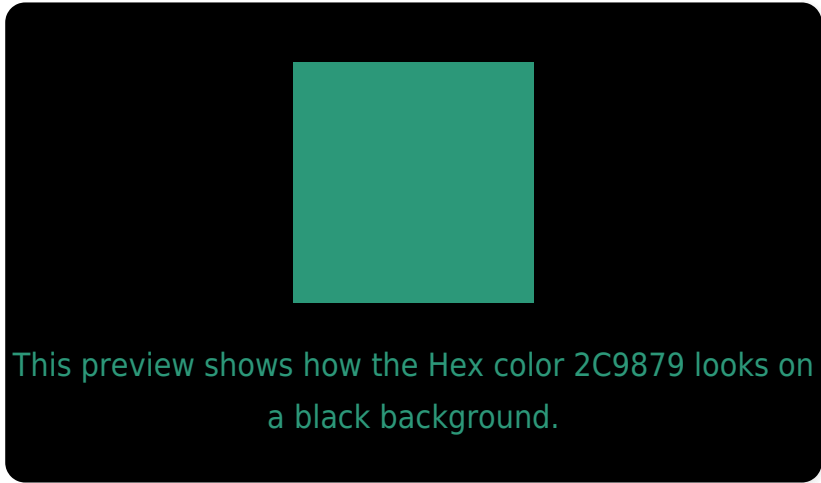
Large Text (above 18pt) WCAG AA ✓ Pass

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

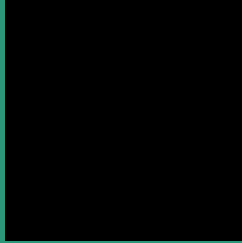
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2C9879 Background



This preview shows how black text looks on a background with the Hex color 2C9879.



This preview shows how white text looks on a background with the Hex color 2C9879.

# 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**  
3E939F

# Trichromacy



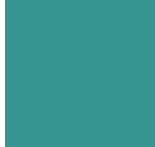
**Original Color**  
2C9879



**Protanomaly**  
6A8D73



**Deuteranomaly**  
708A7C



**Tritanomaly**  
379591

# Monochromacy



**Original Color**  
2C9879



**Achromatopsia**  
747474



**Achromatomaly**  
5A8176

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C9879 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 #2C9879 looks like.

```
.text, #text, p{  
    color:#2C9879  
}
```

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 #2C9879 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C9879
}
```

## Border

The CSS property to change the border of an element to Hex 2C9879 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
#2C9879 }
```

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

```
.border{ border-color:#2C9879 }
```

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

Here you see how a box with a 4 pixel #2C9879 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C9879; -webkit-box-shadow:4px 4px  
4px 4px #2C9879; box-shadow:4px 4px 4px  
4px #2C9879 }
```

# Background

The CSS property to change the background color of an element to Hex 2C9879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C9879 }
```

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

```
.background{ background-color:#2C9879 }
```

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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