

# Converting Colors

Hex(2C9685)

Have a look what the booklet for  
Hex(2C9685) contains.

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**Color**

**Hex(2C9685)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2C9685
RGB	44, 150, 133
RGB Percent	17%, 59%, 52%
CMY	0.8275, 0.4118, 0.4784
CMYK	0.71, 0.00, 0.11, 0.41
HSL	170°, 55%, 38%
HSV	170°, 71%, 59%
XYZ	16.1787, 24.0416, 25.9781
YIQ	116.3680, -57.7190, -27.7590

# Conversions

## Conversions Part 2

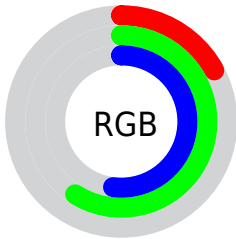
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 102, 150
Decimal	2922117
CIELab	56.13, -33.80, 0.32
CIELCh	56, 33.803, 179.464
Yxy	24.0416, 0.2444, 0.3632
Android (android.graphics.Color)	4281112197 (0xFF2C9685)
YUV	116.3680, 8.1996, -63.4667
Hunter-Lab	49.0323, -26.9086, 2.9098

# Details

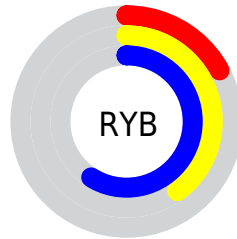
The Hex color **2C9685** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **962C3D**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **69CDBA**, and **006254** is the 20% darker color. If you saturate the color by 10%, you get **1D9683**, and if you desaturate by 10%, it is **3B9687**.

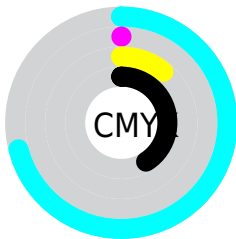
# Distribution



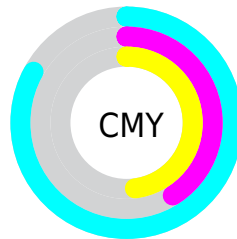
- Red (17%)
- Green (59%)
- Blue (52%)



- Red (17%)
- Yellow (40%)
- Blue (59%)



- Cyan (71%)
- Magenta (0%)
- Yellow (11%)
- Black (41%)



- Cyan (83%)
- Magenta (41%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C9685 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 2C9685 by changing the saturation by 10% instead.





2C9685



2C9685

FFFFFF



007C6C



69CDBA



006254



86E9D6



004A3D



A2FFF2



003227



BFFFFFF



001E12



DCFFFF



000000



FAFFFF



2C9685



2C9685



1D9683



3B9687

■ 0E9680

■ 4A968A

■ 00967E

■ 59968C

■ 68968F

■ 779691

■ 869693

■ 959696

■ A49698

■ B3969B

# Harmonies

## Analogous

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



589368



2C9685



0095A2

# Triad

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



2C9685



897FBA



B17A55

# Complementary

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



2C9685



962C3D

# 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.



BE726B



2C9685



AB75A5

# Square

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



2C9685



598AC1



BD6F88



9A854B

# Rectangle

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



2C9685



0093B2



BD6F88



B7775B



# Sweetspot

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



2C9685



99C2BB



3E962C



49615D



E0E0E0



616161



# Same Dimension

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



2C9685



1DC2A7



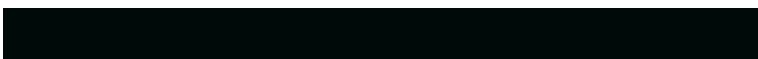
2C7396



434A49



008A74



000A09



# Inverse Universe

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



962C3D



C21D37



964F2C



4A4344



8A0016

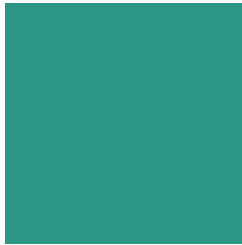


0A0002



# Previews

## White Background



This preview shows how the Hex color 2C9685 looks on a white background.

## Color Contrast Check

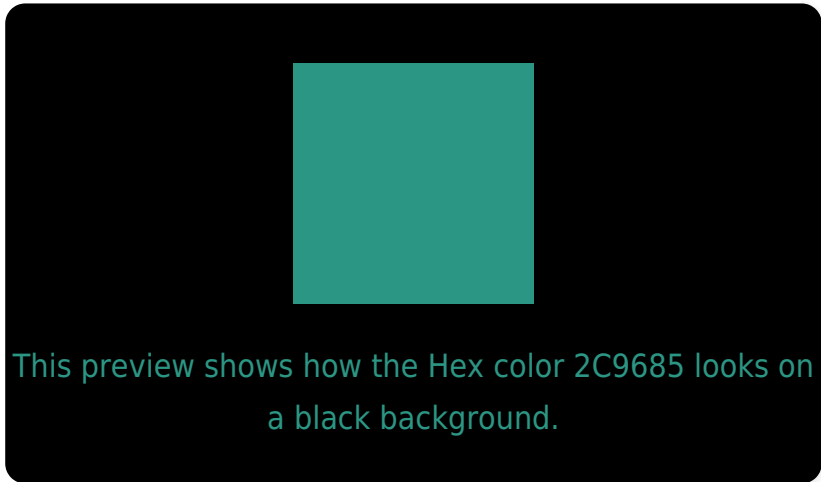
Large Text (above 18pt) WCAG AA ✓ Pass

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

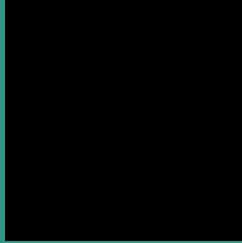
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2C9685 Background



This preview shows how black text looks on a background with the Hex color 2C9685.

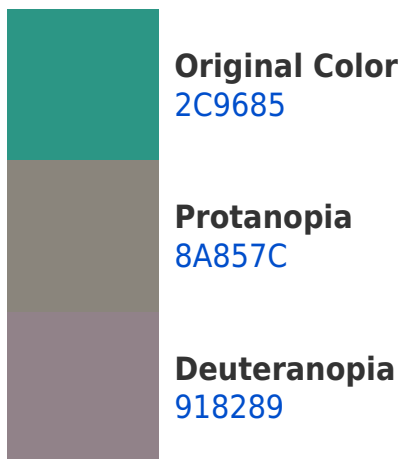


This preview shows how white text looks on a background with the Hex color 2C9685.

# 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**  
39929E

# Trichromacy



**Original Color**  
2C9685



**Protanomaly**  
688B7F



**Deuteranomaly**  
6C8988



**Tritanomaly**  
349395

# Monochromacy



**Original Color**  
2C9685



**Achromatopsia**  
747474



**Achromatomaly**  
5A807A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C9685 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 #2C9685 looks like.

```
.text, #text, p{  
    color:#2C9685  
}
```

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 #2C9685 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C9685
}
```

## Border

The CSS property to change the border of an element to Hex 2C9685 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
#2C9685 }
```

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

```
.border{ border-color:#2C9685 }
```

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

Here you see how a box with a 4 pixel #2C9685 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C9685; -webkit-box-shadow:4px 4px  
4px 4px #2C9685; box-shadow:4px 4px 4px  
4px #2C9685 }
```

# Background

The CSS property to change the background color of an element to Hex 2C9685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C9685 }
```

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

```
.background{ background-color:#2C9685 }
```

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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