

# Converting Colors

Hex(2C9580)

Have a look what the booklet for  
Hex(2C9580) contains.

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**Color**

**Hex(2C9580)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2C9580
RGB	44, 149, 128
RGB Percent	17%, 58%, 50%
CMY	0.8275, 0.4157, 0.4980
CMYK	0.70, 0.00, 0.14, 0.42
HSL	168°, 54%, 38%
HSV	168°, 70%, 58%
XYZ	15.6824, 23.5889, 24.1486
YIQ	115.2110, -55.8390, -28.7910

# Conversions

## Conversions Part 2

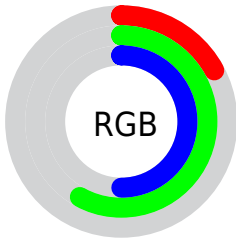
Format	Color
<a href="#">RYB</a>	<a href="#">44, 102, 149</a>
Decimal	<a href="#">2921856</a>
CIELab	<a href="#">55.67, -34.70, 2.51</a>
CIElCh	<a href="#">56, 34.791, 175.857</a>
Yxy	<a href="#">23.5889, 0.2473, 0.3719</a>
Android (android.graphics.Color)	<a href="#">4281111936 (0xFF2C9580)</a>
YUV	<a href="#">115.2110, 6.3050, -62.4520</a>
Hunter-Lab	<a href="#">48.5684, -27.3581, 4.5184</a>

# Details

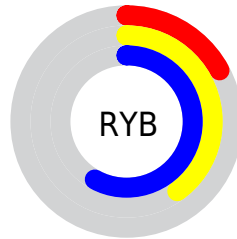
The Hex color **2C9580** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **952C41**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **68CCB5**, and **00614F** is the 20% darker color. If you saturate the color by 10%, you get **1D957D**, and if you desaturate by 10%, it is **3B9583**.

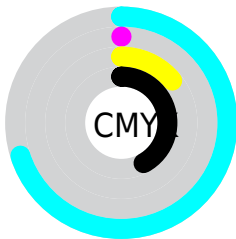
# Distribution



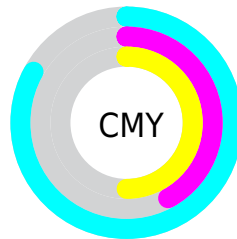
- Red (17%)
- Green (58%)
- Blue (50%)



- Red (17%)
- Yellow (40%)
- Blue (58%)



- Cyan (70%)
- Magenta (0%)
- Yellow (14%)
- Black (42%)



- Cyan (83%)
- Magenta (42%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C9580 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 2C9580 by changing the saturation by 10% instead.



 2C9580

 2C9580

FFFFFF

 007B67

 68CCB5

 00614F

 85E8D0

 004938

 A1FFED

 003123

 BEFFFF

 001D0D

 DBFFFF

 000000

 F9FFFF

 2C9580

 2C9580

 1D957D

 3B9583

0E957A

4A9586

009577

599589

68958C

77958F

859592

949595

A39598

B2959B

# Harmonies

## Analogous

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



5A9262



2C9580



00959F

# Triad

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



2C9580



827FBC



B37854

# Complementary

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



2C9580



952C41

# 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.



BF6F6D



2C9580



A774A8

# Square

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



2C9580



4F8AC1



BC6E8B



9C8248

# Rectangle

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



2C9580



0093B0



BC6E8B



B9745B



# Sweetspot

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



2C9580



99C2BA



41952C



49615C



E0E0E0



616161



# Same Dimension

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



2C9580



1DC2A1



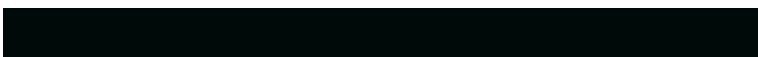
2C7595



434A48



008A6E



000A08



# Inverse Universe

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



952C41



C21D3E



954C2C



4A4344



8A001C

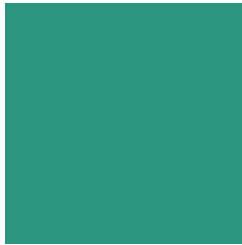


0A0002



# Previews

## White Background



This preview shows how the Hex color 2C9580 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

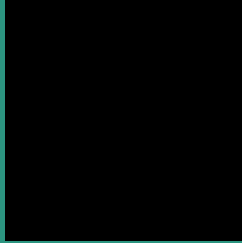
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2C9580 Background



This preview shows how black text looks on a background with the Hex color 2C9580.

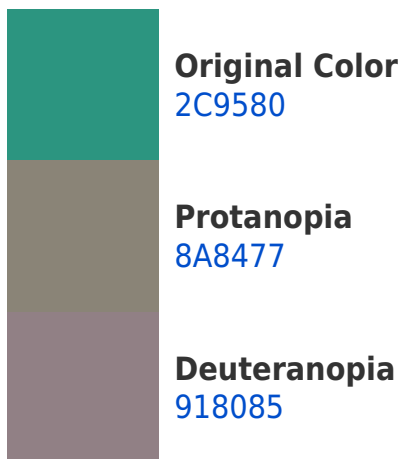


This preview shows how white text looks on a background with the Hex color 2C9580.

# 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**  
3A919D

# Trichromacy



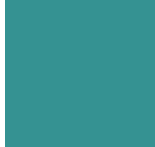
**Original Color**  
2C9580



**Protanomaly**  
688A7A



**Deuteranomaly**  
6C8883



**Tritanomaly**  
359292

# Monochromacy



**Original Color**  
2C9580



**Achromatopsia**  
737373



**Achromatomaly**  
597F78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C9580 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 #2C9580 looks like.

```
.text, #text, p{  
    color:#2C9580  
}
```

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 #2C9580 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C9580
}
```

## Border

The CSS property to change the border of an element to Hex 2C9580 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
#2C9580 }
```

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

```
.border{ border-color:#2C9580 }
```

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

Here you see how a box with a 4 pixel #2C9580 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C9580; -webkit-box-shadow:4px 4px  
4px 4px #2C9580; box-shadow:4px 4px 4px  
4px #2C9580 }
```

# Background

The CSS property to change the background color of an element to Hex 2C9580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C9580 }
```

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

```
.background{ background-color:#2C9580 }
```

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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