

Converting Colors

Hex(2D9585)

Have a look what the booklet for
Hex(2D9585) contains.

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Color

Hex(2D9585)

Conversions

Conversions Part 1

Format	Color
Hex	2D9585
RGB	45, 149, 133
RGB Percent	18%, 58%, 52%
CMY	0.8235, 0.4157, 0.4784
CMYK	0.70, 0.00, 0.11, 0.42
HSL	171°, 54%, 38%
HSV	171°, 70%, 58%
XYZ	16.0633, 23.7462, 25.9272
YIQ	116.0800, -56.8480, -27.0240

Conversions

Conversions Part 2

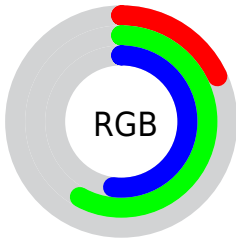
Format	Color
R_{YB}	45, 101, 149
Decimal	2987397
CIE _{Lab}	55.83, -33.18, -0.11
CIE _{LCh}	56, 33.184, 180.197
Yxy	23.7462, 0.2444, 0.3612
Android (android.graphics.Color)	4281177477 (0xFF2D9585)
YUV	116.0800, 8.3416, -62.3372
Hunter-Lab	48.7301, -26.4374, 2.5655

Details

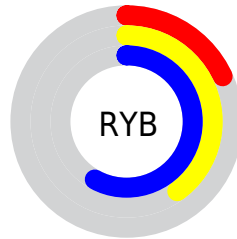
The Hex color **2D9585** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **952D3D**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **69CCBA**, and **006154** is the 20% darker color. If you saturate the color by 10%, you get **1E9583**, and if you desaturate by 10%, it is **3C9587**.

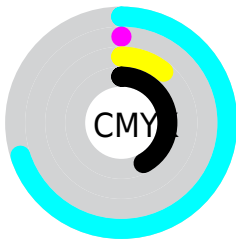
Distribution



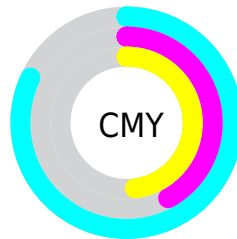
- Red (18%)
- Green (58%)
- Blue (52%)



- Red (18%)
- Yellow (40%)
- Blue (58%)



- Cyan (70%)
- Magenta (0%)
- Yellow (11%)
- Black (42%)



- Cyan (82%)
- Magenta (42%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D9585 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 2D9585 by changing the saturation by 10% instead.



2D9585



2D9585

FFFFFF



007B6C



69CCBA



006154



86E8D6



00493D



A2FFF2



003227



BFFFFFF



001D12



DFFFFFF



000000



FAFFFF



2D9585



2D9585



1E9583



3C9587

0F9580

4B958A

00957E

5A958C

69958E

789590

869593

959595

A49597

B3959A

Harmonies

Analogous

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



589268



2D9585



0094A2

Triad

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



2D9585



897EB8



AF7A55

Complementary

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



2D9585



952D3D

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.



BC726A



2D9585



AA74A3

Square

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



2D9585



5B89BF



BB6F87



98844C

Rectangle

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



2D9585



0092B1



BB6F87



B5775B

Sweetspot

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



2D9585



99C2BC



3E952D



49615D



E0E0E0



616161

Same Dimension

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



2D9585



1FC2A9



2D7295



434A49



008A75



000A09

Inverse Universe

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



952D3D



C21F38



95502D



4A4344



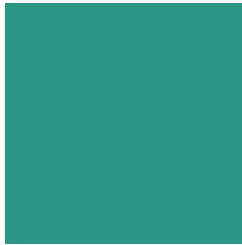
8A0015



0A0002

Previews

White Background



This preview shows how the Hex color 2D9585 looks on a white background.

Color Contrast Check

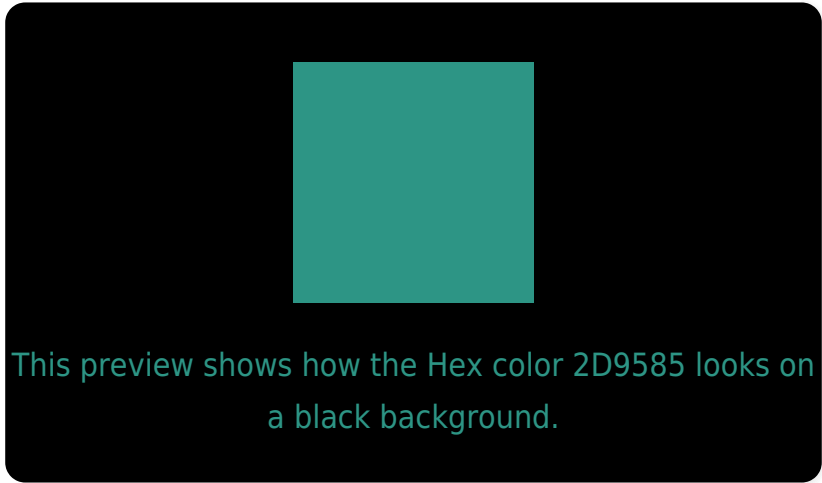
Large Text (above 18pt) WCAG AA ✓ Pass

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

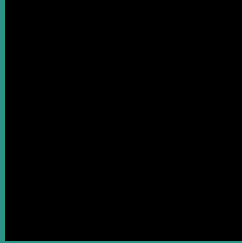
Any Text WCAG AA ✓ Pass

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 2D9585 Background



This preview shows how black text looks on a background with the Hex color 2D9585.

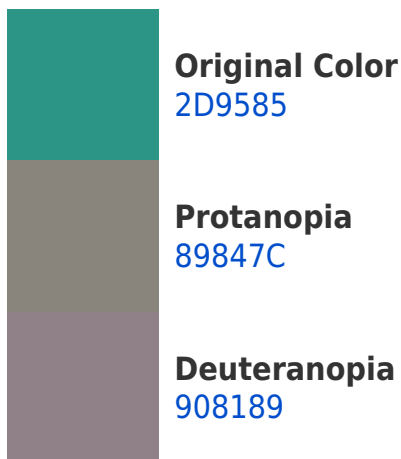



This preview shows how white text looks on a background with the Hex color 2D9585.

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
39919D

Trichromacy



Original Color
2D9585



Protanomaly
688A7F



Deuteranomaly
6C8888



Tritanomaly
359294

Monochromacy



Original Color
2D9585



Achromatopsia
747474



Achromatomaly
5A807A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D9585 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 #2D9585 looks like.

```
.text, #text, p{  
    color:#2D9585  
}
```

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 #2D9585 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D9585
}
```

Border

The CSS property to change the border of an element to Hex 2D9585 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
#2D9585 }
```

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

```
.border{ border-color:#2D9585 }
```

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

Here you see how a box with a 4 pixel #2D9585 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D9585; -webkit-box-shadow:4px 4px  
4px 4px #2D9585; box-shadow:4px 4px 4px  
4px #2D9585 }
```

Background

The CSS property to change the background color of an element to Hex 2D9585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D9585 }
```

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

```
.background{ background-color:#2D9585 }
```

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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