

Converting Colors

Hex(29AB85)

Have a look what the booklet for
Hex(29AB85) contains.

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Color

Hex(29AB85)

Conversions

Conversions Part 1

Format	Color
Hex	29AB85
RGB	41, 171, 133
RGB Percent	16%, 67%, 52%
CMY	0.8392, 0.3294, 0.4784
CMYK	0.76, 0.00, 0.22, 0.33
HSL	162°, 61%, 42%
HSV	162°, 76%, 67%
XYZ	19.7110, 31.2907, 27.1911
YIQ	127.7980, -65.2820, -39.3780

Conversions

Conversions Part 2

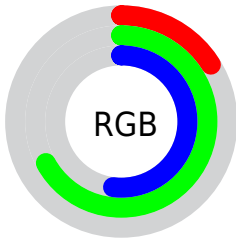
Format	Color
RYB	41, 117, 171
Decimal	2730885
CIELab	62.75, -43.49, 9.83
CIELCh	63, 44.591, 167.260
Yxy	31.2907, 0.2521, 0.4002
Android (android.graphics.Color)	4280920965 (0xFF29AB85)
YUV	127.7980, 2.5646, -76.1218
Hunter-Lab	55.9381, -34.9933, 10.3362

Details

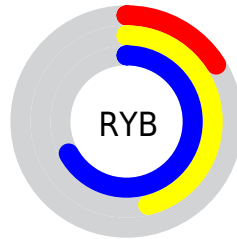
The Hex color **29AB85** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AB294F**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **6BE3BA**, and **007653** is the 20% darker color. If you saturate the color by 10%, you get **18AB80**, and if you desaturate by 10%, it is **3AAB8A**.

Distribution



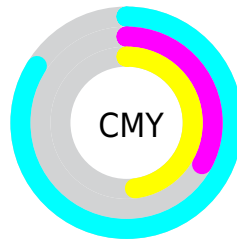
- Red (16%)
- Green (67%)
- Blue (52%)



- Red (16%)
- Yellow (46%)
- Blue (67%)



- Cyan (76%)
- Magenta (0%)
- Yellow (22%)
- Black (33%)



- Cyan (84%)
- Magenta (33%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29AB85 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 29AB85 by changing the saturation by 10% instead.

 29AB85

 29AB85

FFFFFF

 00906C

 6BE3BA

 007653

 88FFD6

 005C3C

 A6FFF2

 004426

 C3FFFF

 002D12

 E1FFFF

 001100

 000000

 29AB85

 29AB85

 18AB80

 3AAB8A

07AB7B

4BAB8F

00AB79

5CAB94

6DAB99

7EAB9E

90ABA3

A1ABA8

B2ABAD

C3ABB2

Harmonies

Analogous

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



6CA660



29AB85



00ACAE

Triad

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



29AB85



8094E3



D8815F

Complementary

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



29AB85



AB294F

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.



E37882



29AB85



B885CE

Square

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



29AB85



1AA1E5



D979AA



BE9049

Rectangle

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



29AB85



00AAC7



D979AA



DE7D6A

Sweetspot

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



29AB85



ABDECF



50AB29



517067



F0F0F0



707070

Same Dimension

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



29AB85



14DEA3



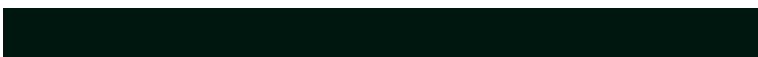
2991AB



4E5754



00966A



001710

Inverse Universe

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



AB294F



DE144F



AB4329



574E51



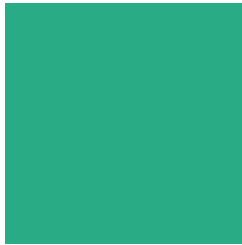
96002C



170007

Previews

White Background



This preview shows how the Hex color 29AB85 looks on a white background.

Color Contrast Check

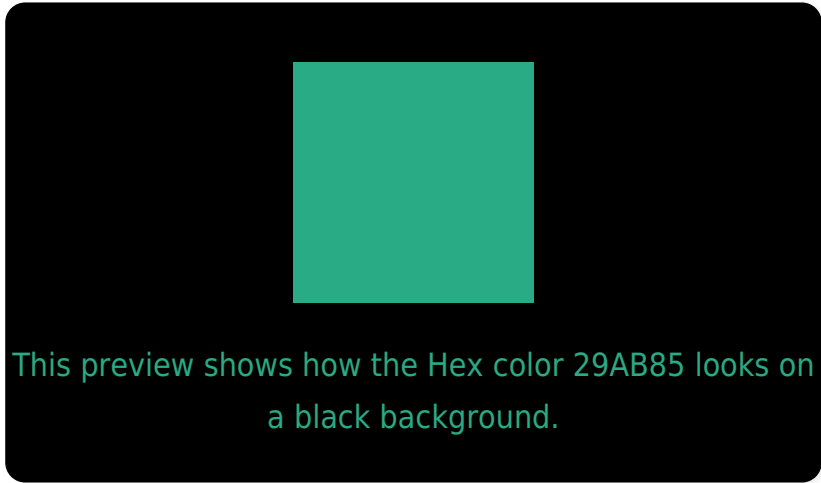
Large Text (above 18pt) WCAG AA × Fail

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

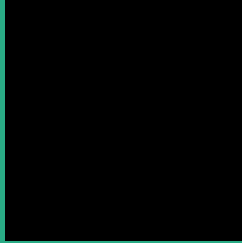
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 29AB85 Background



This preview shows how black text looks on a background with the Hex color 29AB85.

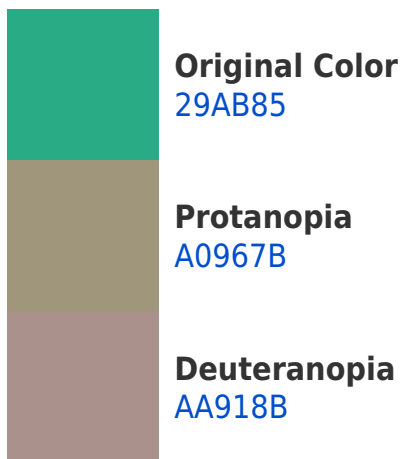


This preview shows how white text looks on a background with the Hex color 29AB85.

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](#).

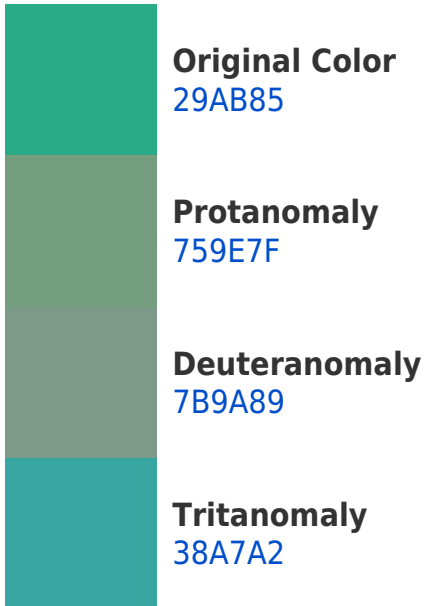
Dichromacy



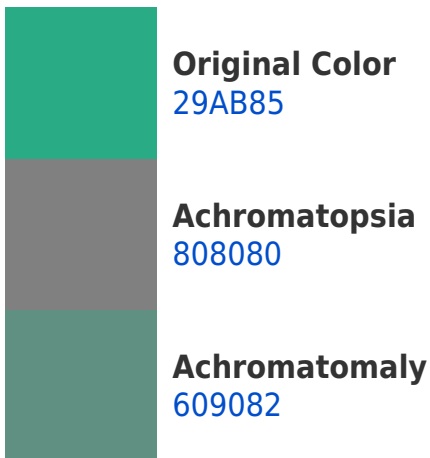


Tritanopia
41A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 29AB85 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 #29AB85 looks like.

```
.text, #text, p{  
    color:#29AB85  
}
```

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 #29AB85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29AB85
}
```

Border

The CSS property to change the border of an element to Hex 29AB85 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
#29AB85 }
```

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

```
.border{ border-color:#29AB85 }
```

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

Here you see how a box with a 4 pixel #29AB85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29AB85; -webkit-box-shadow:4px 4px  
4px 4px #29AB85; box-shadow:4px 4px 4px  
4px #29AB85 }
```

Background

The CSS property to change the background color of an element to Hex 29AB85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29AB85 }
```

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

```
.background{ background-color:#29AB85 }
```

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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