

Converting Colors

Hex(29B196)

Have a look what the booklet for
Hex(29B196) contains.

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Color

Hex(29B196)

Conversions

Conversions Part 1

Format	Color
Hex	29B196
RGB	41, 177, 150
RGB Percent	16%, 69%, 59%
CMY	0.8392, 0.3059, 0.4118
CMYK	0.77, 0.00, 0.15, 0.31
HSL	168°, 62%, 43%
HSV	168°, 77%, 69%
XYZ	22.1416, 34.1177, 34.2726
YIQ	133.2580, -72.3890, -37.2290

Conversions

Conversions Part 2

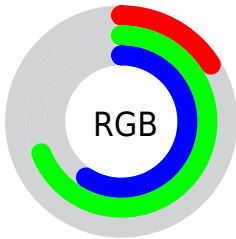
Format	Color
RYB	41, 116, 177
Decimal	2732438
CIELab	65.06, -41.73, 3.70
CIELCh	65, 41.891, 174.928
Yxy	34.1177, 0.2446, 0.3769
Android (android.graphics.Color)	4280922518 (0xFF29B196)
YUV	133.2580, 8.2538, -80.9103
Hunter-Lab	58.4104, -34.5542, 6.0986

Details

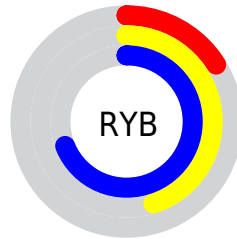
The Hex color **29B196** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B12944**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **6DE9CC**, and **007B63** is the 20% darker color. If you saturate the color by 10%, you get **17B192**, and if you desaturate by 10%, it is **3BB19A**.

Distribution



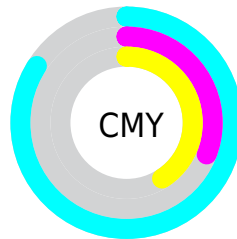
- Red (16%)
- Green (69%)
- Blue (59%)



- Red (16%)
- Yellow (45%)
- Blue (69%)



- Cyan (77%)
- Magenta (0%)
- Yellow (15%)
- Black (31%)



- Cyan (84%)
- Magenta (31%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29B196 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 29B196 by changing the saturation by 10% instead.

 29B196

 29B196

FFFFFF

 00967C

 6DE9CC

 007B63

 8BFFE8

 00624B

 A9FFFF

 004935

 C6FFFF

 003120


 E4FFFF

 001B08

 000000

 29B196

 29B196

 17B192

 3BB19A

06B18F

4CB19D

00B18E

5EB1A1

70B1A4

82B1A8

93B1AB

A5B1AF

B7B1B2

C8B1B6

Harmonies

Analogous

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



69AD71



29B196



00B1BC

Triad

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



29B196



9897E2



D78C62

Complementary

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



29B196



B12944

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.



E58280



29B196



C789C9

Square

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



29B196



54A4E8



E180A6



BB9A52

Rectangle

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



29B196



00AFD2



E180A6



DD886B

Sweetspot

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



29B196



B1E6DB



44B129



53736C



F2F2F2



737373

Same Dimension

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



29B196



12E6BC



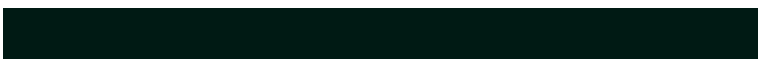
2988B1



505957



00997B



001A14

Inverse Universe

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



B12944



E6123C



B15229



595052



99001E



1A0005

Previews

White Background



This preview shows how the Hex color 29B196 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



This preview shows how the Hex color 29B196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

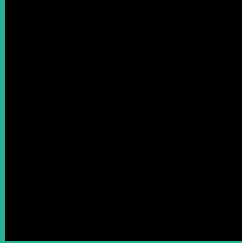
Any Text WCAG AA ✓ Pass

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 29B196 Background



This preview shows how black text looks on a background with the Hex color 29B196.

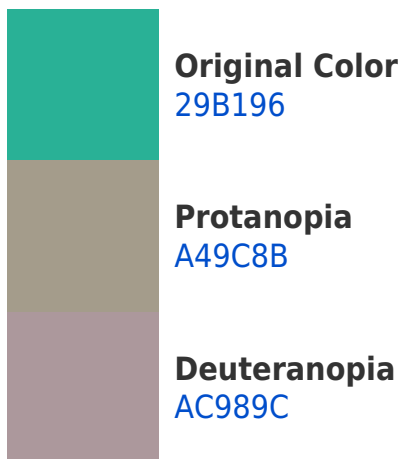


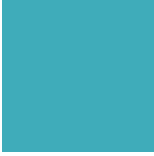
This preview shows how white text looks on a background with the Hex color 29B196.

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





Trichromacy



Original Color
29B196



Protanomaly
77A48F



Deuteranomaly
7CA19A



Tritanomaly
37AEAD

Monochromacy



Original Color
29B196



Achromatopsia
858585



Achromatomaly
64958B

CSS Examples

Text

The CSS property to change the color of the text to Hex 29B196 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 #29B196 looks like.

```
.text, #text, p{  
    color:#29B196  
}
```

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 #29B196 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29B196
}
```

Border

The CSS property to change the border of an element to Hex 29B196 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
#29B196 }
```

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

```
.border{ border-color:#29B196 }
```

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

Here you see how a box with a 4 pixel #29B196 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29B196; -webkit-box-shadow:4px 4px  
4px 4px #29B196; box-shadow:4px 4px 4px  
4px #29B196 }
```

Background

The CSS property to change the background color of an element to Hex 29B196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29B196 }
```

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

```
.background{ background-color:#29B196 }
```

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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