

Converting Colors

Hex(29C78D)

Have a look what the booklet for
Hex(29C78D) contains.

Hex(29C78D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(29C78D)

Conversions

Conversions Part 1

Format	Color
Hex	29C78D
RGB	41, 199, 141
RGB Percent	16%, 78%, 55%
CMY	0.8392, 0.2196, 0.4471
CMYK	0.79, 0.00, 0.29, 0.22
HSL	158°, 66%, 47%
HSV	158°, 79%, 78%
XYZ	26.1456, 43.2414, 32.1677
YIQ	145.1460, -75.5500, -51.5340

Conversions

Conversions Part 2

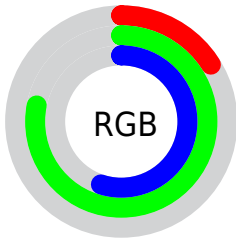
Format	Color
RYB	41, 138, 199
Decimal	2738061
CIELab	71.72, -52.92, 18.03
CIELCh	72, 55.906, 161.180
Yxy	43.2414, 0.2575, 0.4258
Android (android.graphics.Color)	4280928141 (0xFF29C78D)
YUV	145.1460, -2.0440, -91.3360
Hunter-Lab	65.7582, -44.1048, 17.0271

Details

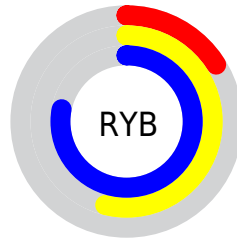
The Hex color **29C78D** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **C72963**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **71FFC3**, and **00905B** is the 20% darker color. If you saturate the color by 10%, you get **15C786**, and if you desaturate by 10%, it is **3DC794**.

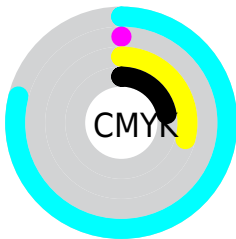
Distribution



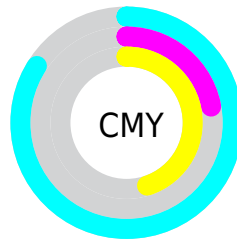
- Red (16%)
- Green (78%)
- Blue (55%)



- Red (16%)
- Yellow (54%)
- Blue (78%)



- Cyan (79%)
- Magenta (0%)
- Yellow (29%)
- Black (22%)



- Cyan (84%)
- Magenta (22%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29C78D 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 29C78D by changing the saturation by 10% instead.

 29C78D

 29C78D

FFFFFF

 00AB73

 71FFC3

 00905B

 90FFDF

 007543

 AEFFFB

 005B2C

 CCFFFF

 004317

 EBFFFF

 002C00

 000C00

 000000

 29C78D

 29C78D

■ 15C786

■ 3DC794

■ 01C77E

■ 51C79C

■ 00C77E

■ 65C7A3

■ 79C7AA

■ 8DC7B2

■ A0C7B9

■ B4C7C0

■ C8C7C7

■ DCC7CF

Harmonies

Analogous

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



83C060



29C78D



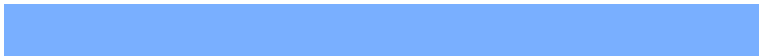
00C9C2

Triad

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



29C78D



79AFFF



FF8F6F

Complementary

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



29C78D



C72963

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.



FF849E



29C78D



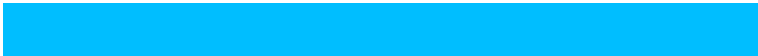
CC9BFD

Square

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



29C78D



00BEFF



FD89D2



E7A14D

Rectangle

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



29C78D



00C8E3



FD89D2



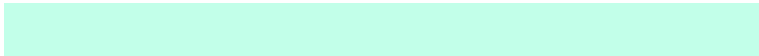
FF8A7E

Sweetspot

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



29C78D



C2FFE9



66C729



5B8072



000000



808080

Same Dimension

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



29C78D



0DFFA6



29B5C7



5A6360



00A367



002417

Inverse Universe

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



C72963



FF0D66



C73B29



635A5D



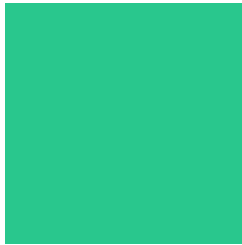
A3003C



24000D

Previews

White Background



This preview shows how the Hex color 29C78D looks on a white background.

Color Contrast Check

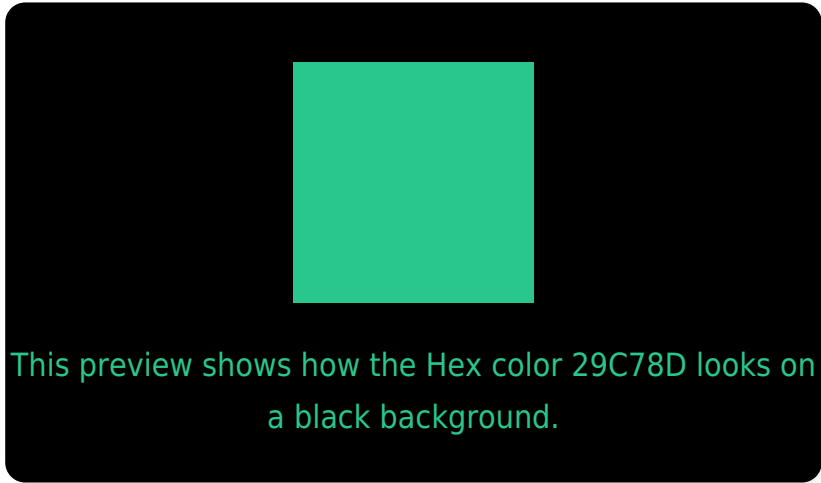
Large Text (above 18pt) WCAG AA × Fail

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

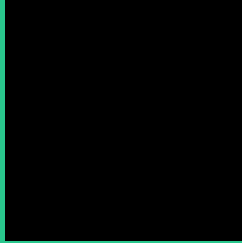
Any Text WCAG AA ✓ Pass

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 29C78D Background



This preview shows how black text looks on a background with the Hex color 29C78D.

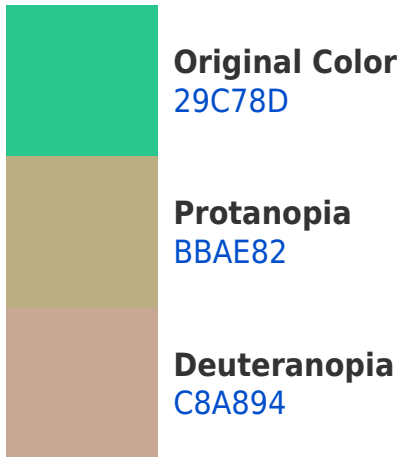


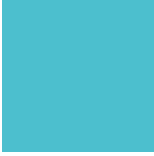
This preview shows how white text looks on a background with the Hex color 29C78D.

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
4CBFCE

Trichromacy



Original Color
29C78D



Protanomaly
86B786



Deuteranomaly
8EB391



Tritanomaly
3FC2B6

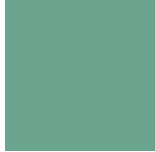
Monochromacy



Original Color
29C78D



Achromatopsia
919191



Achromatomaly
6BA590

CSS Examples

Text

The CSS property to change the color of the text to Hex 29C78D 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 #29C78D looks like.

```
.text, #text, p{  
    color:#29C78D  
}
```

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 #29C78D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29C78D
}
```

Border

The CSS property to change the border of an element to Hex 29C78D 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
#29C78D }
```

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

```
.border{ border-color:#29C78D }
```

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

Here you see how a box with a 4 pixel #29C78D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29C78D; -webkit-box-shadow:4px 4px  
4px 4px #29C78D; box-shadow:4px 4px 4px  
4px #29C78D }
```

Background

The CSS property to change the background color of an element to Hex 29C78D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29C78D }
```

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

```
.background{ background-color:#29C78D }
```

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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