

Converting Colors

Hex(28C497)

Have a look what the booklet for
Hex(28C497) contains.

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Color

Hex(28C497)

Conversions

Conversions Part 1

Format	Color
Hex	28C497
RGB	40, 196, 151
RGB Percent	16%, 77%, 59%
CMY	0.8431, 0.2314, 0.4078
CMYK	0.80, 0.00, 0.23, 0.23
HSL	163°, 66%, 46%
HSV	163°, 80%, 77%
XYZ	26.2009, 42.1653, 36.0359
YIQ	144.2260, -78.5310, -47.0670

Conversions

Conversions Part 2

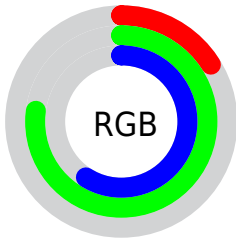
Format	Color
RYB	40, 131, 196
Decimal	2671767
CIELab	70.98, -49.53, 11.63
CIELCh	71, 50.873, 166.783
Yxy	42.1653, 0.2510, 0.4039
Android (android.graphics.Color)	4280861847 (0xFF28C497)
YUV	144.2260, 3.3396, -91.4062
Hunter-Lab	64.9348, -41.6120, 12.5511

Details

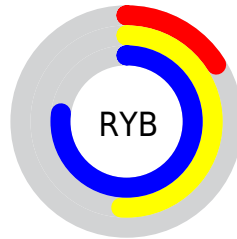
The Hex color **28C497** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **C42855**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **70FECF**, and **008D64** is the 20% darker color. If you saturate the color by 10%, you get **14C491**, and if you desaturate by 10%, it is **3CC49D**.

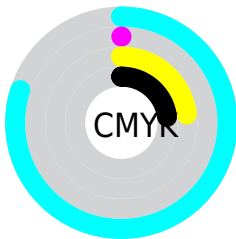
Distribution



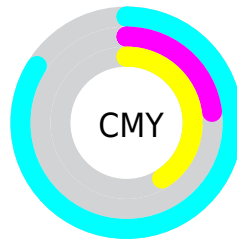
- Red (16%)
- Green (77%)
- Blue (59%)



- Red (16%)
- Yellow (51%)
- Blue (77%)



- Cyan (80%)
- Magenta (0%)
- Yellow (23%)
- Black (23%)



- Cyan (84%)
- Magenta (23%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28C497 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 28C497 by changing the saturation by 10% instead.

 28C497

 28C497

FFFFFF

 00A87D

 70FECD

 008D64

 8FFFE9

 00734C

 ADFFFF

 005935

 CBFFFF

 004020

 EAFFFF

 002B09

 000700

 000000

 28C497

 28C497

■ 14C491

■ 3CC49D

■ 01C48C

■ 4FC4A2

■ 00C48B

■ 63C4A8

■ 76C4AE

■ 8AC4B3

■ 9EC4B9

■ B1C4BF

■ C5C4C4

■ D8C4CA

Harmonies

Analogous

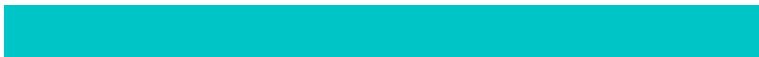
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7BBE6C



28C497



00C5C7

Triad

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



28C497



90AAFF



F9936C

Complementary

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



28C497



C42855

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.



FF8895



28C497



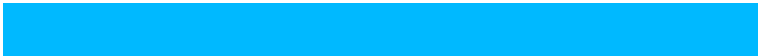
D297EE

Square

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



28C497



00B9FF



F989C4



DBA452

Rectangle

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



28C497



00C4E4



F989C4



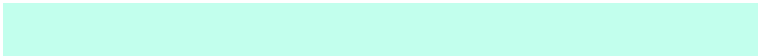
FF8E79

Sweetspot

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



28C497



C2FFED



57C428



5B8075



000000



808080

Same Dimension

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



28C497



0AFFB8



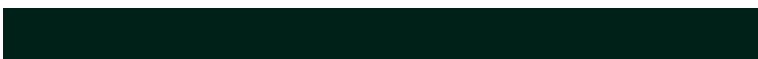
28A5C4



57615E



00A172



002118

Inverse Universe

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



C42855



FF0A51



C44728



61575A



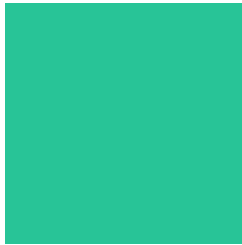
A1002E



21000A

Previews

White Background



This preview shows how the Hex color 28C497 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 28C497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

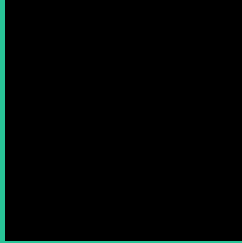
Any Text WCAG AA ✓ Pass

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 28C497 Background



This preview shows how black text looks on a background with the Hex color 28C497.

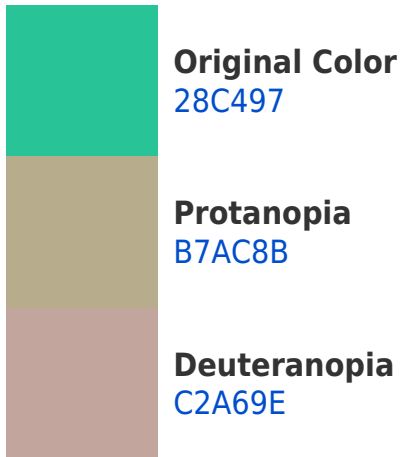


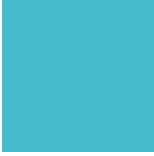
This preview shows how white text looks on a background with the Hex color 28C497.

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



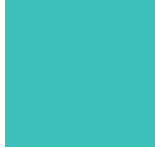
Original Color
28C497



Protanomaly
83B58F



Deuteranomaly
8AB19B



Tritanomaly
3CC0B9

Monochromacy



Original Color
28C497



Achromatopsia
909090



Achromatomaly
6AA393

CSS Examples

Text

The CSS property to change the color of the text to Hex 28C497 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 #28C497 looks like.

```
.text, #text, p{  
    color:#28C497  
}
```

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 #28C497 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28C497
}
```

Border

The CSS property to change the border of an element to Hex 28C497 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
#28C497 }
```

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

```
.border{ border-color:#28C497 }
```

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

Here you see how a box with a 4 pixel #28C497 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28C497; -webkit-box-shadow:4px 4px  
4px 4px #28C497; box-shadow:4px 4px 4px  
4px #28C497 }
```

Background

The CSS property to change the background color of an element to Hex 28C497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28C497 }
```

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

```
.background{ background-color:#28C497 }
```

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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