

Converting Colors

Hex(28C794)

Have a look what the booklet for
Hex(28C794) contains.

Hex(28C794)	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(28C794)

Conversions

Conversions Part 1

Format	Color
Hex	28C794
RGB	40, 199, 148
RGB Percent	16%, 78%, 58%
CMY	0.8431, 0.2196, 0.4196
CMYK	0.80, 0.00, 0.26, 0.22
HSL	161°, 67%, 47%
HSV	161°, 80%, 78%
XYZ	26.6438, 43.4361, 34.9967
YIQ	145.6450, -78.3930, -49.5690

Conversions

Conversions Part 2

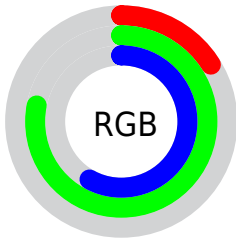
Format	Color
RYB	40, 135, 199
Decimal	2672532
CIELab	71.85, -51.43, 14.47
CIElCh	72, 53.427, 164.291
Yxy	43.4361, 0.2536, 0.4134
Android (android.graphics.Color)	4280862612 (0xFF28C794)
YUV	145.6450, 1.1610, -92.6507
Hunter-Lab	65.9061, -43.1735, 14.6507

Details

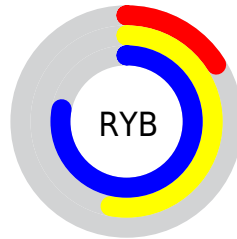
The Hex color **28C794** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **C7285B**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **71FFCA**, and **009061** is the 20% darker color. If you saturate the color by 10%, you get **14C78E**, and if you desaturate by 10%, it is **3CC79A**.

Distribution



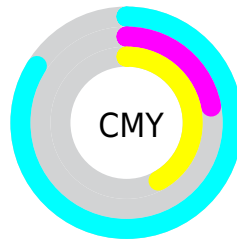
- Red (16%)
- Green (78%)
- Blue (58%)



- Red (16%)
- Yellow (53%)
- Blue (78%)



- Cyan (80%)
- Magenta (0%)
- Yellow (26%)
- Black (22%)



- Cyan (84%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28C794 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 28C794 by changing the saturation by 10% instead.

 28C794

 28C794

FFFFFF

 00AB7A

 71FFCA

 009061

 8FFFE6

 007549

 AEFFFF

 005C33

 CCFFFF

 00431D

 EBFFFF

 002D05

 000C00

 000000

 28C794

 28C794

■ 14C78E

■ 3CC79A

■ 00C787

■ 50C7A1

■ 64C7A7

■ 78C7AE

■ 8CC7B4

■ 9FC7BA

■ B3C7C1

■ C7C7C7

■ DBC7CD

Harmonies

Analogous

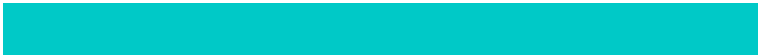
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7FC068



28C794



00C9C7

Triad

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



28C794



88ADFF



FF926E

Complementary

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



28C794



C7285B

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.



FF879B



28C794



D29AF6

Square

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



28C794



00BDFE



FD8ACC



E2A450

Rectangle

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



28C794



00C7E6



FD8ACC



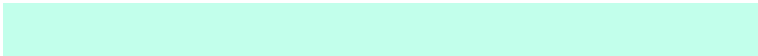
FF8D7C

Sweetspot

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



28C794



C2FFEB



5DC728



5B8074



000000



808080

Same Dimension

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



28C794



0AFFB0



28ACC7



5A6360



00A36F



002418

Inverse Universe

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



C7285B



FF0A59



C74328



635A5D



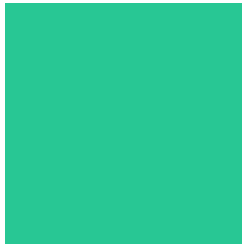
A30034



24000B

Previews

White Background



This preview shows how the Hex color 28C794 looks on a white background.

Color Contrast Check

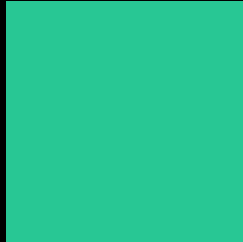
Large Text (above 18pt) WCAG AA × Fail

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 28C794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

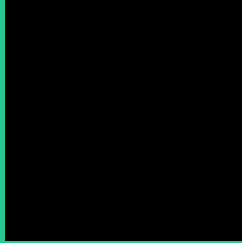
Any Text WCAG AA ✓ Pass

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 28C794 Background



This preview shows how black text looks on a background with the Hex color 28C794.

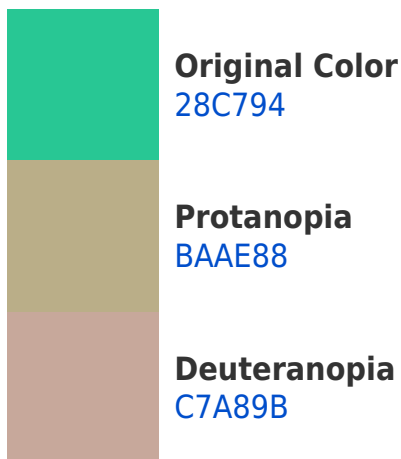


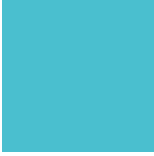
This preview shows how white text looks on a background with the Hex color 28C794.

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
4ABFCF

Trichromacy



Original Color
28C794



Protanomaly
85B78C



Deuteranomaly
8DB398



Tritanomaly
3EC2BA

Monochromacy



Original Color
28C794



Achromatopsia
929292



Achromatomaly
6BA593

CSS Examples

Text

The CSS property to change the color of the text to Hex 28C794 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 #28C794 looks like.

```
.text, #text, p{  
    color:#28C794  
}
```

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 #28C794 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28C794
}
```

Border

The CSS property to change the border of an element to Hex 28C794 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
#28C794 }
```

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

```
.border{ border-color:#28C794 }
```

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

Here you see how a box with a 4 pixel #28C794 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28C794; -webkit-box-shadow:4px 4px  
4px 4px #28C794; box-shadow:4px 4px 4px  
4px #28C794 }
```

Background

The CSS property to change the background color of an element to Hex 28C794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28C794 }
```

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

```
.background{ background-color:#28C794 }
```

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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