

# Converting Colors

Hex(28C7A1)

Have a look what the booklet for  
Hex(28C7A1) contains.

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**Color**

**Hex(28C7A1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	28C7A1
RGB	40, 199, 161
RGB Percent	16%, 78%, 63%
CMY	0.8431, 0.2196, 0.3686
CMYK	0.80, 0.00, 0.19, 0.22
HSL	166°, 67%, 47%
HSV	166°, 80%, 78%
XYZ	27.7315, 43.8712, 40.7246
YIQ	147.1270, -82.5660, -45.5260

# Conversions

## Conversions Part 2

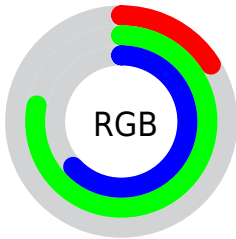
Format	Color
<a href="#">RYB</a>	<a href="#">40, 130, 199</a>
Decimal	<a href="#">2672545</a>
CIELab	<a href="#">72.14, -48.30, 7.87</a>
CIELCh	<a href="#">72, 48.935, 170.745</a>
Yxy	<a href="#">43.8712, 0.2469, 0.3906</a>
Android (android.graphics.Color)	<a href="#">4280862625 (0xFF28C7A1)</a>
YUV	<a href="#">147.1270, 6.8394, -93.9504</a>
Hunter-Lab	<a href="#">66.2353, -41.1771, 9.9104</a>

# Details

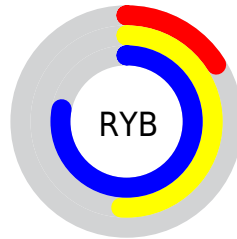
The Hex color **28C7A1** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C7284E**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **71FFD8**, and **00906D** is the 20% darker color. If you saturate the color by 10%, you get **14C79C**, and if you desaturate by 10%, it is **3CC7A6**.

# Distribution



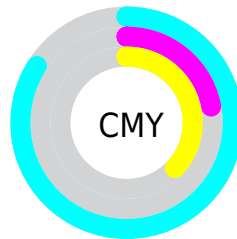
- Red (16%)
- Green (78%)
- Blue (63%)



- Red (16%)
- Yellow (51%)
- Blue (78%)



- Cyan (80%)
- Magenta (0%)
- Yellow (19%)
- Black (22%)



- Cyan (84%)
- Magenta (22%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 28C7A1 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 28C7A1 by changing the saturation by 10% instead.



 28C7A1

 28C7A1

FFFFFF

 00AB87

 71FFD8

 00906D

 90FFF4

 007655

 AFFFFFF

 005C3E

 CDFFFF

 004328

 ECFFFF

 002D14

 000E00

 000000

 28C7A1

 28C7A1

 14C79C

 3CC7A6

 00C797

 50C7AB

 64C7AF

 78C7B4

 8CC7B9

 9FC7BE

 B3C7C2

 C7C7C7

 DBC7CC

# Harmonies

## Analogous

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



79C276



28C7A1



00C8CF

# Triad

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



28C7A1



9FABFF



F7996D

# Complementary

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



28C7A1



C7284E

# 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.



FF8E94



28C7A1



DB99EA

# Square

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



28C7A1



3FBAFF



FD8DC1



D8AA57

# Rectangle

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



28C7A1



00C5EA



FD8DC1



FE9579

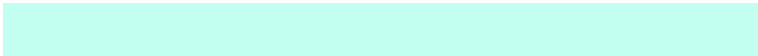


# Sweetspot

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



28C7A1



C2FFF0



50C728



5B8077



000000



808080



# Same Dimension

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



28C7A1



0AFFC4



289FC7



5A6361



00A37C



00241B



# Inverse Universe

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



C7284E



FF0A45



C75028



635A5C



A30027

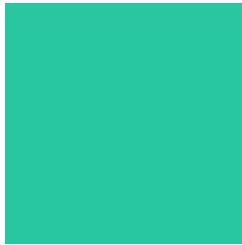


240009



# Previews

## White Background



This preview shows how the Hex color 28C7A1 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 28C7A1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

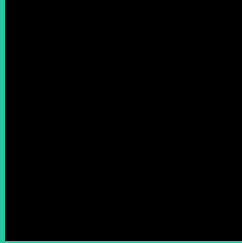
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

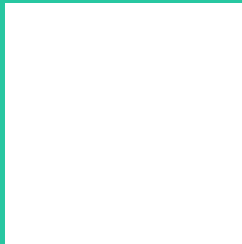
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 28C7A1 Background



This preview shows how black text looks on a background with the Hex color 28C7A1.



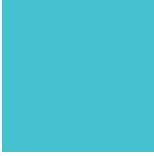
This preview shows how white text looks on a background with the Hex color 28C7A1.

# 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**  
46C1D0

# Trichromacy



**Original Color**  
28C7A1



**Protanomaly**  
84B899



**Deuteranomaly**  
8BB4A5



**Tritanomaly**  
3BC3BF

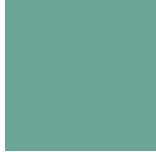
# Monochromacy



**Original Color**  
28C7A1



**Achromatopsia**  
939393



**Achromatomaly**  
6CA698

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 28C7A1 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 #28C7A1 looks like.

```
.text, #text, p{  
    color:#28C7A1  
}
```

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 #28C7A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28C7A1
}
```

## Border

The CSS property to change the border of an element to Hex 28C7A1 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
#28C7A1 }
```

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

```
.border{ border-color:#28C7A1 }
```

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

Here you see how a box with a 4 pixel #28C7A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28C7A1; -webkit-box-shadow:4px 4px  
4px 4px #28C7A1; box-shadow:4px 4px 4px  
4px #28C7A1 }
```

# Background

The CSS property to change the background color of an element to Hex 28C7A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28C7A1 }
```

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

```
.background{ background-color:#28C7A1 }
```

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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