

# Converting Colors

Hex(27C5C2)

Have a look what the booklet for  
Hex(27C5C2) contains.

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# **Color**

**Hex(27C5C2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	27C5C2
RGB	39, 197, 194
RGB Percent	15%, 77%, 76%
CMY	0.8471, 0.2275, 0.2392
CMYK	0.80, 0.00, 0.02, 0.23
HSL	179°, 67%, 46%
HSV	179°, 80%, 77%
XYZ	30.5406, 44.2589, 57.9721
YIQ	149.4160, -93.2050, -34.4290

# Conversions

## Conversions Part 2

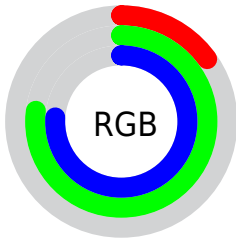
Format	Color
R <sub>Y</sub> B	39, 119, 197
Decimal	2606530
CIE Lab	72.40, -38.57, -9.68
CIE LCh	72, 39.772, 194.093
Yxy	44.2589, 0.2300, 0.3333
Android (android.graphics.Color)	4280796610 (0xFF27C5C2)
YUV	149.4160, 21.9799, -96.8348
Hunter-Lab	66.5273, -34.4793, -5.0963

# Details

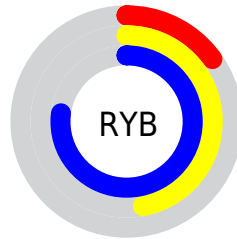
The Hex color **27C5C2** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **C5272A**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **73FEFA**, and **008E8D** is the 20% darker color. If you saturate the color by 10%, you get **13C5C2**, and if you desaturate by 10%, it is **3BC5C2**.

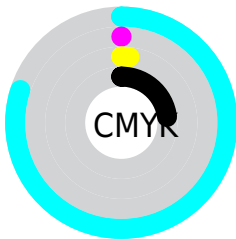
# Distribution



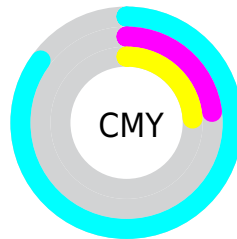
- Red (15%)
- Green (77%)
- Blue (76%)



- Red (15%)
- Yellow (47%)
- Blue (77%)



- Cyan (80%)
- Magenta (0%)
- Yellow (2%)
- Black (23%)



- Cyan (85%)
- Magenta (23%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27C5C2 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 27C5C2 by changing the saturation by 10% instead.



 27C5C2

 27C5C2

FFFFFF

 00A9A7

 73FEFA

 008E8D

 92FFFF

 007473

 B1FFFF

 005B5B

 D0FFFF

 004343

 EFFFFFFF

 002C2D

 001019

 000000

 27C5C2

 27C5C2

■ 13C5C2

■ 3BC5C2

■ 00C5C1

■ 4EC5C3

■ 62C5C3

■ 76C5C3

■ 8AC5C4

■ 9DC5C4

■ B1C5C5

■ C5C5C5

■ D8C5C5

# Harmonies

## Analogous

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



61C49C



27C5C2



08C2E3

# Triad

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



27C5C2



CBA2E6



DAA96C

# Complementary

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



27C5C2



C5272A

# 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.



F19D81



27C5C2



EC98C6

# Square

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



27C5C2



99AFF8



F895A2



B8B56A

# Rectangle

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



27C5C2



41BEF2



F895A2



E3A471

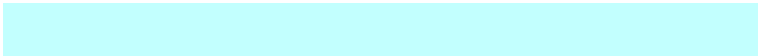


# Sweetspot

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



27C5C2



C2FFFE



2CC527



5B807F



000000



808080



# Same Dimension

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



27C5C2



0AFFFA



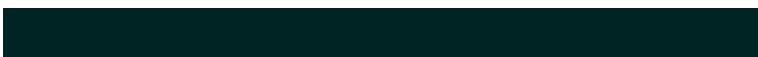
277BC5



5A6363



00A3A0



002423



# Inverse Universe

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



C5272A



FF0A0F



C57127



635A5A



A30003

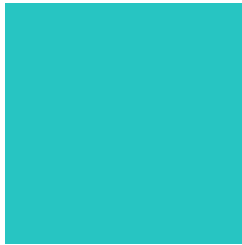


240001



# Previews

## White Background



This preview shows how the Hex color 27C5C2 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 27C5C2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

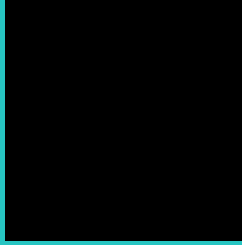
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

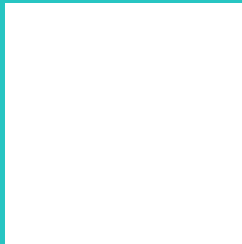
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 27C5C2 Background



This preview shows how black text looks on a background with the Hex color 27C5C2.

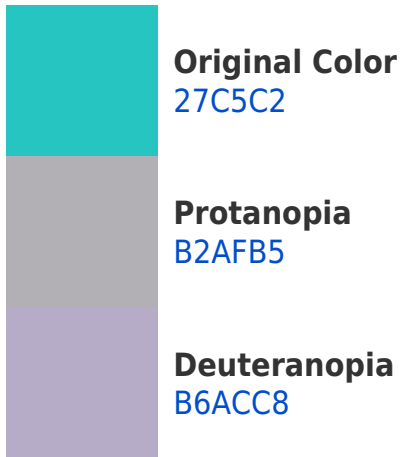


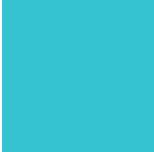
This preview shows how white text looks on a background with the Hex color 27C5C2.

# 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**  
35C3D2

# Trichromacy



**Original Color**  
27C5C2



**Protanomaly**  
7FB7BA



**Deuteranomaly**  
82B5C6



**Tritanomaly**  
30C4CC

# Monochromacy



**Original Color**  
27C5C2



**Achromatopsia**  
959595



**Achromatomaly**  
6DA6A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27C5C2 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 #27C5C2 looks like.

```
.text, #text, p{  
    color:#27C5C2  
}
```

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 #27C5C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27C5C2
}
```

## Border

The CSS property to change the border of an element to Hex 27C5C2 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
#27C5C2 }
```

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

```
.border{ border-color:#27C5C2 }
```

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

Here you see how a box with a 4 pixel #27C5C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27C5C2; -webkit-box-shadow:4px 4px  
4px 4px #27C5C2; box-shadow:4px 4px 4px  
4px #27C5C2 }
```

# Background

The CSS property to change the background color of an element to Hex 27C5C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27C5C2 }
```

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

```
.background{ background-color:#27C5C2 }
```

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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