

Converting Colors

Hex(27C6C3)

Have a look what the booklet for
Hex(27C6C3) contains.

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Color

Hex(27C6C3)

Conversions

Conversions Part 1

Format	Color
Hex	27C6C3
RGB	39, 198, 195
RGB Percent	15%, 78%, 76%
CMY	0.8471, 0.2235, 0.2353
CMYK	0.80, 0.00, 0.02, 0.22
HSL	179°, 67%, 46%
HSV	179°, 80%, 78%
XYZ	30.8811, 44.7596, 58.6416
YIQ	150.1170, -93.8010, -34.6410

Conversions

Conversions Part 2

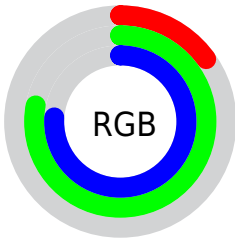
Format	Color
R_{YB}	39, 119, 198
Decimal	2606787
CIE _{Lab}	72.73, -38.74, -9.73
CIE _{LCh}	73, 39.942, 194.104
Yxy	44.7596, 0.2300, 0.3333
Android (android.graphics.Color)	4280796867 (0xFF27C6C3)
YUV	150.1170, 22.1273, -97.4496
Hunter-Lab	66.9026, -34.6871, -5.1371

Details

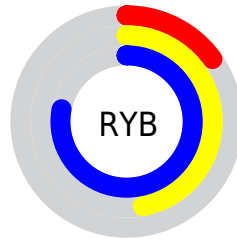
The Hex color **27C6C3** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **C6272A**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **73FFFB**, and **008F8D** is the 20% darker color. If you saturate the color by 10%, you get **13C6C3**, and if you desaturate by 10%, it is **3BC6C3**.

Distribution



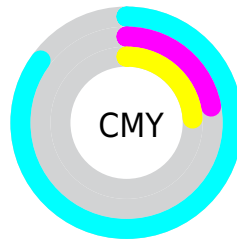
- Red (15%)
- Green (78%)
- Blue (76%)



- Red (15%)
- Yellow (47%)
- Blue (78%)



- Cyan (80%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)



- Cyan (85%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27C6C3 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 27C6C3 by changing the saturation by 10% instead.

 27C6C3

 27C6C3

FFFFFF

 00AAA8

 73FFFB

 008F8D

 93FFFF

 007574

 B2FFFF

 005C5B

 D0FFFF

 004344

 EFFFFF

 002D2E

 00121A

 000000

 27C6C3

 27C6C3

■ 13C6C3

■ 3BC6C3

■ 00C6C2

■ 4FC6C4

■ 62C6C4

■ 76C6C4

■ 8AC6C5

■ 9EC6C5

■ B2C6C6

■ C5C6C6

■ D9C6C6

Harmonies

Analogous

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



62C59D



27C6C3



07C3E4

Triad

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



27C6C3



CCA3E7



DBAA6C

Complementary

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



27C6C3



C6272A

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.



F29D81



27C6C3



ED98C7

Square

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



27C6C3



99B0F9



FA96A2



B9B66A

Rectangle

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



27C6C3



41BFF3



FA96A2



E4A571

Sweetspot

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



27C6C3



C2FFFE



2CC627



5B807F



000000



808080

Same Dimension

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



27C6C3



0AFFFA



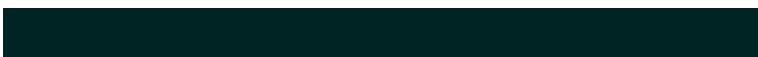
277CC6



5A6363



00A3A0



002423

Inverse Universe

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



C6272A



FF0A0F



C67127



635A5A



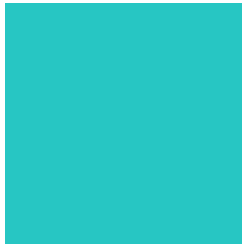
A30003



240001

Previews

White Background



This preview shows how the Hex color 27C6C3 looks on a white background.

Color Contrast Check

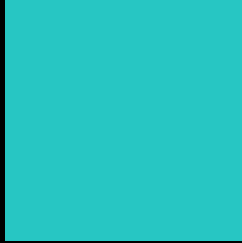
Large Text (above 18pt) WCAG AA × Fail

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 27C6C3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

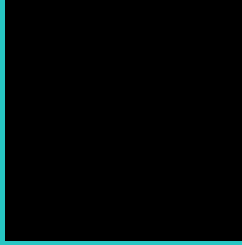
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

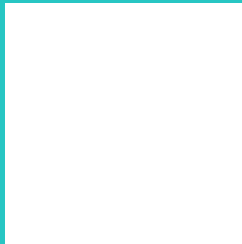
Any Text WCAG AAA ✓ Pass

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

Hex 27C6C3 Background



This preview shows how black text looks on a background with the Hex color 27C6C3.

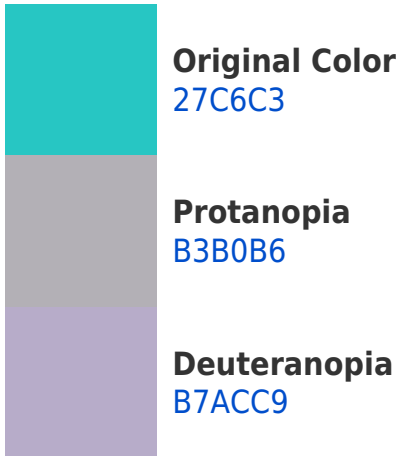


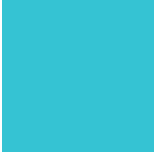
This preview shows how white text looks on a background with the Hex color 27C6C3.

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
35C3D3

Trichromacy



Original Color
27C6C3



Protanomaly
80B8BB



Deuteranomaly
83B5C7



Tritanomaly
30C4CD

Monochromacy



Original Color
27C6C3



Achromatopsia
969696



Achromatomaly
6EA7A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 27C6C3 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 #27C6C3 looks like.

```
.text, #text, p{  
    color:#27C6C3  
}
```

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 #27C6C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27C6C3
}
```

Border

The CSS property to change the border of an element to Hex 27C6C3 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
#27C6C3 }
```

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

```
.border{ border-color:#27C6C3 }
```

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

Here you see how a box with a 4 pixel #27C6C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27C6C3; -webkit-box-shadow:4px 4px  
4px 4px #27C6C3; box-shadow:4px 4px 4px  
4px #27C6C3 }
```

Background

The CSS property to change the background color of an element to Hex 27C6C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27C6C3 }
```

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

```
.background{ background-color:#27C6C3 }
```

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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