

# Converting Colors

Hex(27C4BF)

Have a look what the booklet for  
Hex(27C4BF) contains.

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**Color**

**Hex(27C4BF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	27C4BF
RGB	39, 196, 191
RGB Percent	15%, 77%, 75%
CMY	0.8471, 0.2314, 0.2510
CMYK	0.80, 0.00, 0.03, 0.23
HSL	178°, 67%, 46%
HSV	178°, 80%, 77%
XYZ	29.9806, 43.6728, 56.1398
YIQ	148.4870, -91.9670, -34.8390

# Conversions

## Conversions Part 2

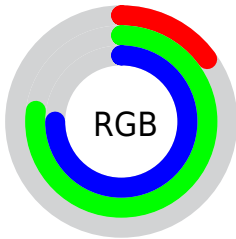
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 119, 196
Decimal	2606271
CIE <sub>Lab</sub>	72.01, -38.99, -8.63
CIE <sub>LCh</sub>	72, 39.936, 192.485
Yxy	43.6728, 0.2310, 0.3365
Android (android.graphics.Color)	4280796351 (0xFF27C4BF)
YUV	148.4870, 20.9589, -96.0201
Hunter-Lab	66.0854, -34.6703, -4.1073

# Details

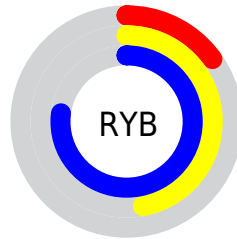
The Hex color **27C4BF** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C4272C**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **72FDF7**, and **008D8A** is the 20% darker color. If you saturate the color by 10%, you get **13C4BE**, and if you desaturate by 10%, it is **3BC4C0**.

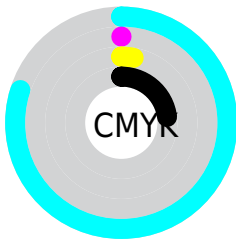
# Distribution



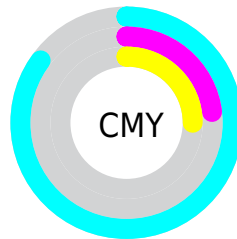
- Red (15%)
- Green (77%)
- Blue (75%)



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



- Cyan (80%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)



- Cyan (85%)
- Magenta (23%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27C4BF 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 27C4BF by changing the saturation by 10% instead.



 27C4BF

 27C4BF

FFFFFF

 00A8A4

 72FDF7

 008D8A

 92FFFF

 007370

 B1FFFF

 005A58

 CFFFFFF

 004241

 EFFFFFF

 002B2B

 000E17

 000000

 27C4BF

 27C4BF

■ 13C4BE

■ 3BC4C0

■ 00C4BE

■ 4EC4C0

■ 62C4C1

■ 75C4C1

■ 89C4C2

■ 9DC4C3

■ B0C4C3

■ C4C4C4

■ D7C4C5

# Harmonies

## Analogous

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



62C299



27C4BF



00C1E1

# Triad

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



27C4BF



C8A1E6



DBA76B

# Complementary

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



27C4BF



C4272C

# 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.



F19B81



27C4BF



EA97C7

# Square

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



27C4BF



94AFF7



F794A2



B9B368

# Rectangle

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



27C4BF



3ABDF0



F794A2



E4A371

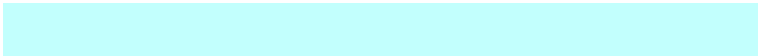


# Sweetspot

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



27C4BF



C2FFFD



2CC427



5B807E



000000



808080



# Same Dimension

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



27C4BF



0AFF7



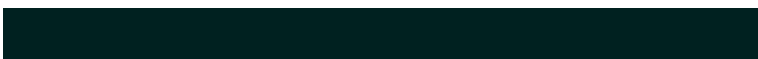
277BC4



576161



00A19C



002120



# Inverse Universe

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



C4272C



FF0A12



C47027



615758



A10005

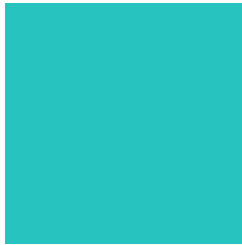


210001



# Previews

## White Background



This preview shows how the Hex color 27C4BF looks on a white background.

## Color Contrast Check

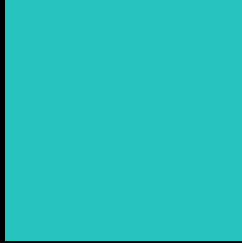
Large Text (above 18pt) WCAG AA × Fail

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 27C4BF 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

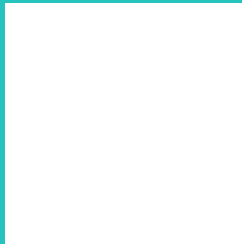
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 27C4BF Background



This preview shows how black text looks on a background with the Hex color 27C4BF.



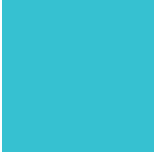
This preview shows how white text looks on a background with the Hex color 27C4BF.

# 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**  
36C1D1

# Trichromacy



**Original Color**  
27C4BF



**Protanomaly**  
7FB6B7



**Deuteranomaly**  
82B3C3



**Tritanomaly**  
31C2CA

# Monochromacy



**Original Color**  
27C4BF



**Achromatopsia**  
949494



**Achromatomaly**  
6CA5A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27C4BF 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 #27C4BF looks like.

```
.text, #text, p{  
    color:#27C4BF  
}
```

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 #27C4BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27C4BF
}
```

## Border

The CSS property to change the border of an element to Hex 27C4BF 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
#27C4BF }
```

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

```
.border{ border-color:#27C4BF }
```

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

Here you see how a box with a 4 pixel #27C4BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27C4BF; -webkit-box-shadow:4px 4px  
4px 4px #27C4BF; box-shadow:4px 4px 4px  
4px #27C4BF }
```

# Background

The CSS property to change the background color of an element to Hex 27C4BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27C4BF }
```

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

```
.background{ background-color:#27C4BF }
```

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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