

Converting Colors

Hex(27CBD2)

Have a look what the booklet for
Hex(27CBD2) contains.

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Color

Hex(27CBD2)

Conversions

Conversions Part 1

Format	Color
Hex	27CBD2
RGB	39, 203, 210
RGB Percent	15%, 80%, 82%
CMY	0.8471, 0.2039, 0.1765
CMYK	0.81, 0.03, 0.00, 0.18
HSL	182°, 69%, 49%
HSV	182°, 81%, 82%
XYZ	33.8255, 47.7964, 68.4156
YIQ	154.7620, -99.9910, -32.5910

Conversions

Conversions Part 2

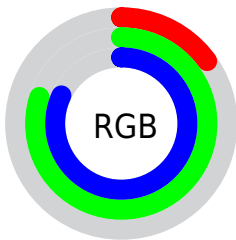
Format	Color
RYB	39, 123, 210
Decimal	2608082
CIELab	74.70, -36.60, -14.93
CIELCh	75, 39.532, 202.188
Yxy	47.7964, 0.2254, 0.3186
Android (android.graphics.Color)	4280798162 (0xFF27CBD2)
YUV	154.7620, 27.2323, -101.5233
Hunter-Lab	69.1349, -33.6517, -10.2787

Details

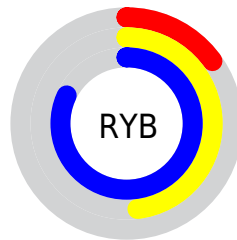
The Hex color **27CBD2** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **D22E27**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **75FFFF**, and **00949C** is the 20% darker color. If you saturate the color by 10%, you get **12CAD2**, and if you desaturate by 10%, it is **3CCCD2**.

Distribution



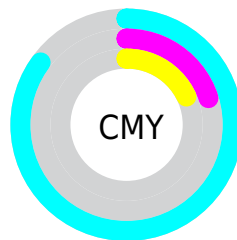
- Red (15%)
- Green (80%)
- Blue (82%)



- Red (15%)
- Yellow (48%)
- Blue (82%)



- Cyan (81%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)



- Cyan (85%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27CBD2 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 27CBD2 by changing the saturation by 10% instead.

 27CBD2

 27CBD2

FFFFFF

 00AFB6

 75FFFF

 00949C

 96FFFF

 007A82

 B5FFFF

 006168

 D4FFFF

 004850

 F3FFFF

 003139

 001A24

 00010E

 000000

■ 27CBD2

■ 27CBD2

■ 12CAD2

■ 3CCCD2

■ 00C9D2

■ 51CDD2

■ 66CED2

■ 7BCED2

■ 90CFD2

■ A5D0D2

■ BAD1D2

■ CFD2D2

■ E4D3D2

Harmonies

Analogous

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



5BCBAD



27CBD2



32C7F0

Triad

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



27CBD2



DDA5E5



D8B270

Complementary

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



27CBD2



D22E27

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.



F3A680



27CBD2



F89CC3

Square

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



27CBD2



AEB2FB



FF9D9E



B4BE73

Rectangle

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



27CBD2



5DC2FC



FF9D9E



E3AE73

Sweetspot

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



27CBD2



C2FCFF



27D22D



5B7E80



000000



808080

Same Dimension

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



27CBD2



05F5FF



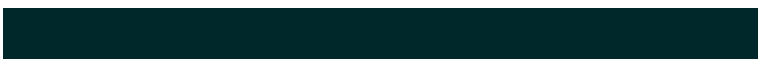
2777D2



5E6869



00A1A8



002729

Inverse Universe

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



D227CB



FF05F5



D28227



695E68



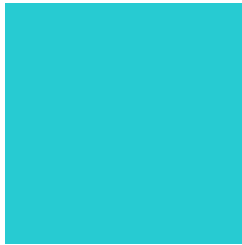
A800A1



290027

Previews

White Background



This preview shows how the Hex color 27CBD2 looks on a white background.

Color Contrast Check

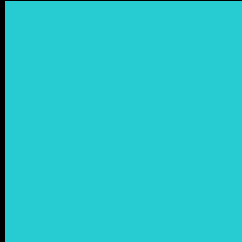
Large Text (above 18pt) WCAG AA × Fail

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 27CBD2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

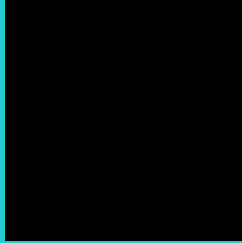
Any Text WCAG AA ✓ Pass

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 27CBD2 Background



This preview shows how black text looks on a background with the Hex color 27CBD2.

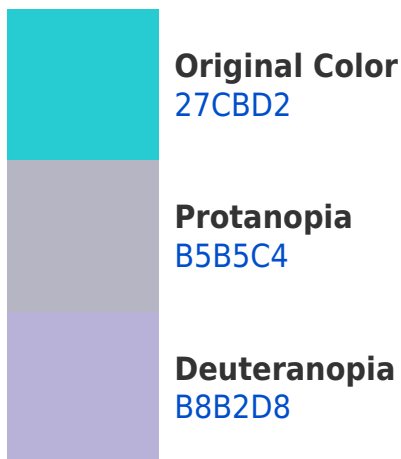


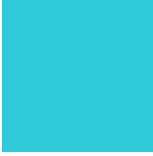
This preview shows how white text looks on a background with the Hex color 27CBD2.

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





Trichromacy



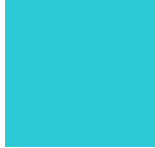
Original Color
27CBD2



Protanomaly
81BDC9



Deuteranomaly
83BBD6



Tritanomaly
2CCAD7

Monochromacy



Original Color
27CBD2



Achromatopsia
9B9B9B



Achromatomaly
71ACAF

CSS Examples

Text

The CSS property to change the color of the text to Hex 27CBD2 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 #27CBD2 looks like.

```
.text, #text, p{  
    color:#27CBD2  
}
```

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 #27CBD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27CBD2
}
```

Border

The CSS property to change the border of an element to Hex 27CBD2 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
#27CBD2 }
```

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

```
.border{ border-color:#27CBD2 }
```

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

Here you see how a box with a 4 pixel #27CBD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27CBD2; -webkit-box-shadow:4px 4px  
4px 4px #27CBD2; box-shadow:4px 4px 4px  
4px #27CBD2 }
```

Background

The CSS property to change the background color of an element to Hex 27CBD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27CBD2 }
```

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

```
.background{ background-color:#27CBD2 }
```

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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