

Converting Colors

Hex(26C8D1)

Have a look what the booklet for
Hex(26C8D1) contains.

Hex(26C8D1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(26C8D1)

Conversions

Conversions Part 1

Format	Color
Hex	26C8D1
RGB	38, 200, 209
RGB Percent	15%, 78%, 82%
CMY	0.8510, 0.2157, 0.1804
CMYK	0.82, 0.04, 0.00, 0.18
HSL	183°, 69%, 48%
HSV	183°, 82%, 82%
XYZ	32.9622, 46.3241, 67.5257
YIQ	152.5880, -99.4410, -31.5450

Conversions

Conversions Part 2

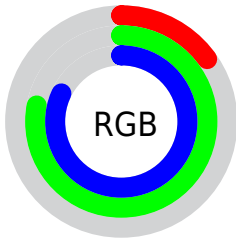
Format	Color
R_{YB}	38, 121, 209
Decimal	2541777
CIE _{Lab}	73.76, -35.59, -15.81
CIE _{LCh}	74, 38.941, 203.946
Yxy	46.3241, 0.2245, 0.3155
Android (android.graphics.Color)	4280731857 (0xFF26C8D1)
YUV	152.5880, 27.8111, -100.4937
Hunter-Lab	68.0618, -32.6608, -11.1798

Details

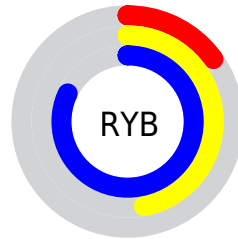
The Hex color **26C8D1** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **D12F26**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **75FFFF**, and **00919B** is the 20% darker color. If you saturate the color by 10%, you get **11C7D1**, and if you desaturate by 10%, it is **3BC9D1**.

Distribution



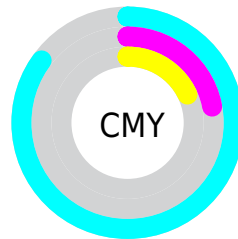
- Red (15%)
- Green (78%)
- Blue (82%)



- Red (15%)
- Yellow (47%)
- Blue (82%)



- Cyan (82%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (85%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 26C8D1 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 26C8D1 by changing the saturation by 10% instead.

 26C8D1

 26C8D1

FFFFFF

 00ACB5

 75FFFF

 00919B

 95FFFF

 007781

 B4FFFF

 005E68

 D3FFFF

 00464F

 F2FFFF

 002E39

 001723

 00000C

 000000

■ 26C8D1

■ 26C8D1

■ 11C7D1

■ 3BC9D1

■ 00C6D1

■ 50CAD1

■ 65CBD1

■ 7ACCD1

■ 8FCED1

■ A3CFD1

■ B8D0D1

■ CDD1D1

■ E2D2D1

Harmonies

Analogous

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



57C8AC



26C8D1



37C4EE

Triad

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



26C8D1



DBA2E0



D3B16E

Complementary

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



26C8D1



D12F26

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.



EEA47D



26C8D1



F59ABE

Square

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



26C8D1



AFAFF6



FB9B9A



B0BC73

Rectangle

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



26C8D1



60BEF9



FB9B9A



DEAC71

Sweetspot

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



26C8D1



BFFCFF



26D12F



597D80



000000



808080

Same Dimension

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



26C8D1



05F2FF



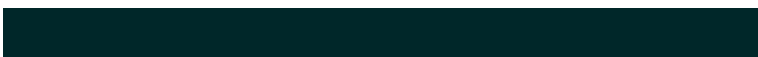
2673D1



5E6869



009FA8



002729

Inverse Universe

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



D126C8



FF05F2



D18426



695E68



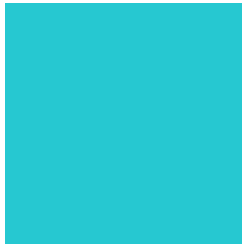
A8009F



290027

Previews

White Background



This preview shows how the Hex color 26C8D1 looks on a white background.

Color Contrast Check

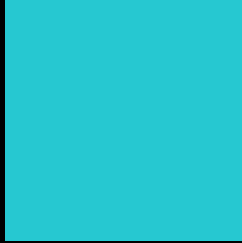
Large Text (above 18pt) WCAG AA × Fail

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 26C8D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

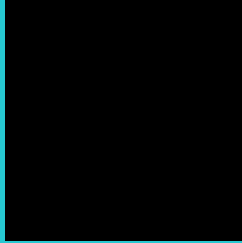
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

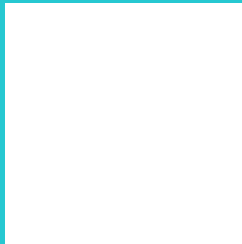
Any Text WCAG AAA ✓ Pass

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

Hex 26C8D1 Background



This preview shows how black text looks on a background with the Hex color 26C8D1.



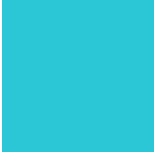
This preview shows how white text looks on a background with the Hex color 26C8D1.

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
2CC7D7

Trichromacy



Original Color
26C8D1



Protanomaly
7FBBC8



Deuteranomaly
80B9D4



Tritanomaly
2AC7D5

Monochromacy



Original Color
26C8D1



Achromatopsia
999999



Achromatomaly
6FAAAD

CSS Examples

Text

The CSS property to change the color of the text to Hex 26C8D1 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 #26C8D1 looks like.

```
.text, #text, p{  
    color:#26C8D1  
}
```

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 #26C8D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26C8D1
}
```

Border

The CSS property to change the border of an element to Hex 26C8D1 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
#26C8D1 }
```

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

```
.border{ border-color:#26C8D1 }
```

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

Here you see how a box with a 4 pixel #26C8D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26C8D1; -webkit-box-shadow:4px 4px  
4px 4px #26C8D1; box-shadow:4px 4px 4px  
4px #26C8D1 }
```

Background

The CSS property to change the background color of an element to Hex 26C8D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26C8D1 }
```

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

```
.background{ background-color:#26C8D1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor