

Converting Colors

Hex(26C7B4)

Have a look what the booklet for
Hex(26C7B4) contains.

Hex(26C7B4)	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(26C7B4)

Conversions

Conversions Part 1

Format	Color
Hex	26C7B4
RGB	38, 199, 180
RGB Percent	15%, 78%, 71%
CMY	0.8510, 0.2196, 0.2941
CMYK	0.81, 0.00, 0.10, 0.22
HSL	173°, 68%, 46%
HSV	173°, 81%, 78%
XYZ	29.4610, 44.5542, 50.2271
YIQ	148.6950, -89.8570, -40.0410

Conversions

Conversions Part 2

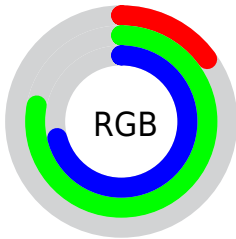
Format	Color
RYB	38, 124, 199
Decimal	2541492
CIELab	72.60, -43.50, -1.78
CIELCh	73, 43.540, 182.342
Yxy	44.5542, 0.2371, 0.3586
Android (android.graphics.Color)	4280731572 (0xFF26C7B4)
YUV	148.6950, 15.4334, -97.0795
Hunter-Lab	66.7489, -38.0261, 2.1099

Details

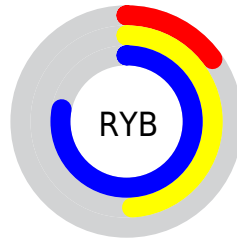
The Hex color **26C7B4** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C72639**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **71FFEC**, and **00907F** is the 20% darker color. If you saturate the color by 10%, you get **12C7B2**, and if you desaturate by 10%, it is **3AC7B6**.

Distribution



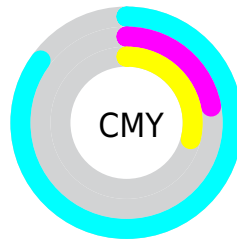
- Red (15%)
- Green (78%)
- Blue (71%)



- Red (15%)
- Yellow (49%)
- Blue (78%)



- Cyan (81%)
- Magenta (0%)
- Yellow (10%)
- Black (22%)



- Cyan (85%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 26C7B4 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 26C7B4 by changing the saturation by 10% instead.

 26C7B4

 26C7B4

FFFFFF

 00AB99

 71FFEC

 00907F

 91FFFF

 007666

 B0FFFF

 005C4E

 CEFFFF

 004438

 EDFFFF

 002D22

 00110D

 000000

 26C7B4

 26C7B4

■ 12C7B2

■ 3AC7B6

■ 00C7B0

■ 4EC7B9

■ 62C7BB

■ 76C7BD

■ 8AC7C0

■ 9DC7C2

■ B1C7C4

■ C5C7C7

■ D9C7C9

Harmonies

Analogous

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



6DC48C



26C7B4



00C6DB

Triad

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



26C7B4



BAA7F5



E9A36C

Complementary

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



26C7B4



C72639

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.



FC978A



26C7B4



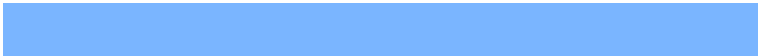
E799D8

Square

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



26C7B4



7AB5FF



FD92B0



C8B161

Rectangle

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



26C7B4



00C2F0



FD92B0



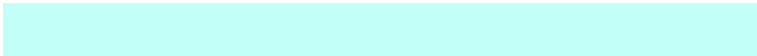
F19E74

Sweetspot

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



26C7B4



C2FFF8



3BC726



5B807B



000000



808080

Same Dimension

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



26C7B4



08FFE2



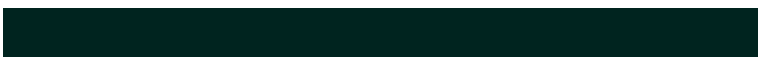
268CC7



5A6362



00A390



00241F

Inverse Universe

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



C72639



FF0825



C76126



635A5B



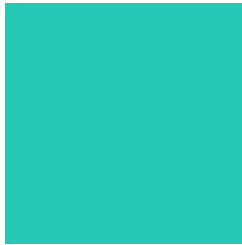
A30013



240004

Previews

White Background



This preview shows how the Hex color 26C7B4 looks on a white background.

Color Contrast Check

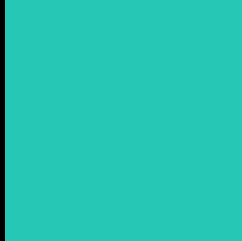
Large Text (above 18pt) WCAG AA × Fail

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 26C7B4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

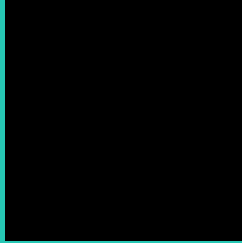
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

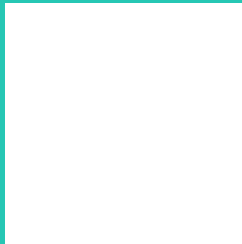
Any Text WCAG AAA ✓ Pass

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

Hex 26C7B4 Background



This preview shows how black text looks on a background with the Hex color 26C7B4.

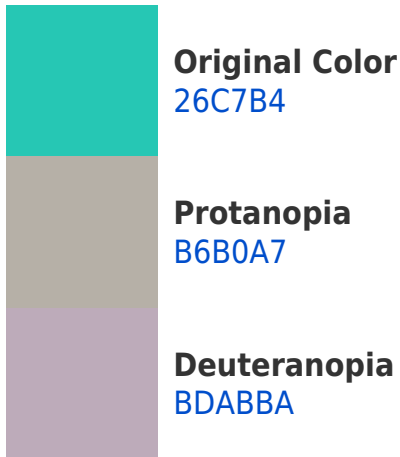


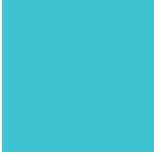
This preview shows how white text looks on a background with the Hex color 26C7B4.

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



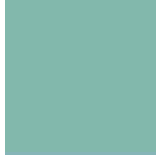


Tritanopia
3DC3D2

Trichromacy



Original Color
26C7B4



Protanomaly
82B8AC



Deuteranomaly
86B5B8



Tritanomaly
35C4C7

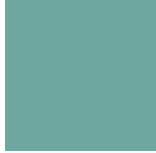
Monochromacy



Original Color
26C7B4



Achromatopsia
959595



Achromatomaly
6DA7A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 26C7B4 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 #26C7B4 looks like.

```
.text, #text, p{  
    color:#26C7B4  
}
```

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 #26C7B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26C7B4
}
```

Border

The CSS property to change the border of an element to Hex 26C7B4 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
#26C7B4 }
```

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

```
.border{ border-color:#26C7B4 }
```

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

Here you see how a box with a 4 pixel #26C7B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26C7B4; -webkit-box-shadow:4px 4px  
4px 4px #26C7B4; box-shadow:4px 4px 4px  
4px #26C7B4 }
```

Background

The CSS property to change the background color of an element to Hex 26C7B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26C7B4 }
```

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

```
.background{ background-color:#26C7B4 }
```

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