

Converting Colors

Hex(2DCC8B)

Have a look what the booklet for
Hex(2DCC8B) contains.

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Color

Hex(2DCC8B)

Conversions

Conversions Part 1

Format	Color
Hex	2DCC8B
RGB	45, 204, 139
RGB Percent	18%, 80%, 55%
CMY	0.8235, 0.2000, 0.4549
CMYK	0.78, 0.00, 0.32, 0.20
HSL	155°, 64%, 49%
HSV	155°, 78%, 80%
XYZ	27.3353, 45.6077, 31.7885
YIQ	149.0490, -73.8990, -53.9230

Conversions

Conversions Part 2

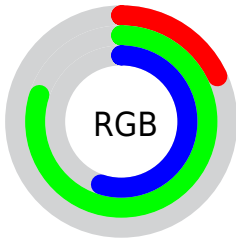
Format	Color
RYB	45, 145, 204
Decimal	3001483
CIELab	73.29, -54.83, 21.27
CIELCh	73, 58.814, 158.798
Yxy	45.6077, 0.2610, 0.4355
Android (android.graphics.Color)	4281191563 (0xFF2DCC8B)
YUV	149.0490, -4.9542, -91.2510
Hunter-Lab	67.5335, -45.9328, 19.3652

Details

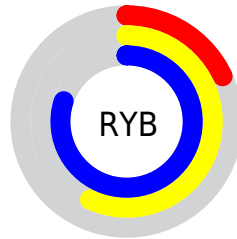
The Hex color **2DCC8B** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **CC2D6E**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **74FFC1**, and **009459** is the 20% darker color. If you saturate the color by 10%, you get **19CC83**, and if you desaturate by 10%, it is **41CC93**.

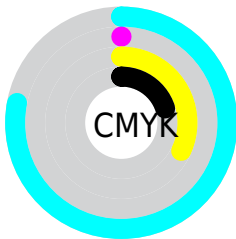
Distribution



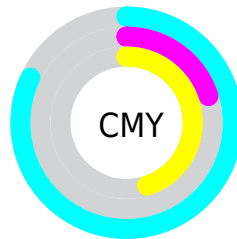
- Red (18%)
- Green (80%)
- Blue (55%)



- Red (18%)
- Yellow (57%)
- Blue (80%)



- Cyan (78%)
- Magenta (0%)
- Yellow (32%)
- Black (20%)



- Cyan (82%)
- Magenta (20%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DCC8B 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 2DCC8B by changing the saturation by 10% instead.

 2DCC8B

 2DCC8B

FFFFFF

 00B071

 74FFC1

 009459

 93FFDD

 007A41

 B1FFF9

 00602A

 D0FFFF

 004714

 EEEFFF

 003000

 001400

 000000

 2DCC8B

 2DCC8B

■ 19CC83

■ 41CC93

■ 04CC7A

■ 56CC9C

■ 00CC79

■ 6ACCA4

■ 7FCCAC

■ 93CCB5

■ A7CCBD

■ BCCCC5

■ D0CCCE

■ E5CCD6

Harmonies

Analogous

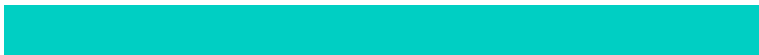
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89C45C



2DCC8B



00CFC3

Triad

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



2DCC8B



6EB4FF



FF8F73

Complementary

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



2DCC8B



CC2D6E

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.



FF84A6



2DCC8B



CC9FFF

Square

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



2DCC8B



00C4FF



FF8BDC



F1A34E

Rectangle

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



2DCC8B



00CEE6



FF8BDC



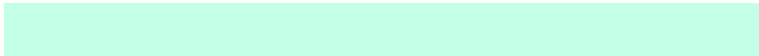
FF8A83

Sweetspot

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



2DCC8B



C4FFE7



6FCC2D



5C8071



000000



808080

Same Dimension

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



2DCC8B



0FFF9D



2DBFCC



5C6662



00A662



002617

Inverse Universe

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



CC2D6E



FF0F71



CC3A2D



665C60



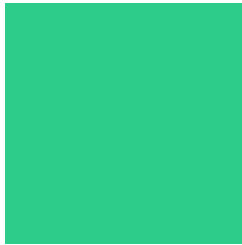
A60044



260010

Previews

White Background



This preview shows how the Hex color 2DCC8B looks on a white background.

Color Contrast Check

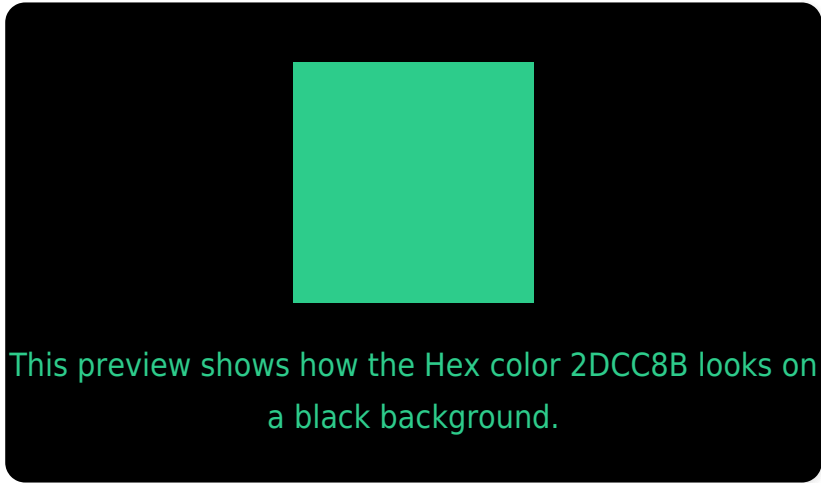
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 2DCC8B Background



This preview shows how black text looks on a background with the Hex color 2DCC8B.

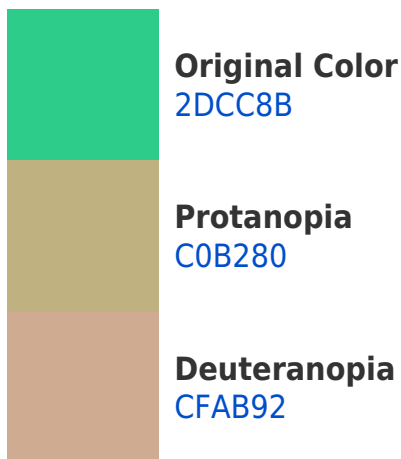


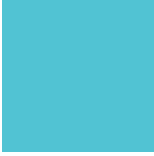
This preview shows how white text looks on a background with the Hex color 2DCC8B.

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](#).

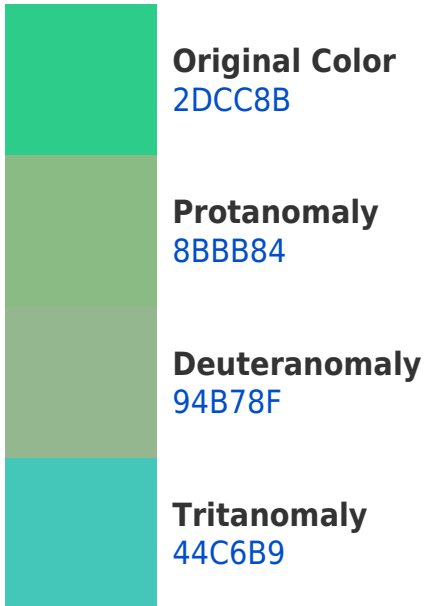
Dichromacy



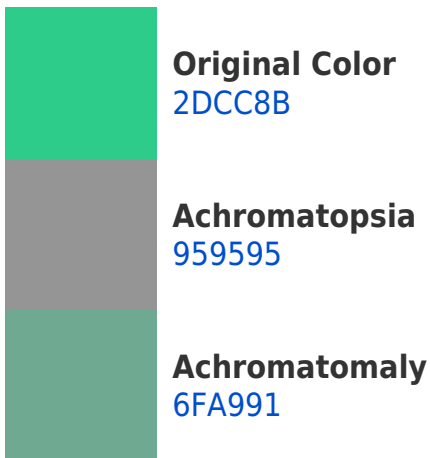


Tritanopia
51C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2DCC8B 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 #2DCC8B looks like.

```
.text, #text, p{  
    color:#2DCC8B  
}
```

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 #2DCC8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DCC8B
}
```

Border

The CSS property to change the border of an element to Hex 2DCC8B 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
#2DCC8B }
```

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

```
.border{ border-color:#2DCC8B }
```

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

Here you see how a box with a 4 pixel #2DCC8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DCC8B; -webkit-box-shadow:4px 4px  
4px 4px #2DCC8B; box-shadow:4px 4px 4px  
4px #2DCC8B }
```

Background

The CSS property to change the background color of an element to Hex 2DCC8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DCC8B }
```

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

```
.background{ background-color:#2DCC8B }
```

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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