

Converting Colors

Hex(2DCCB2)

Have a look what the booklet for
Hex(2DCCB2) contains.

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Color

Hex(2DCCB2)

Conversions

Conversions Part 1

Format	Color
Hex	2DCCB2
RGB	45, 204, 178
RGB Percent	18%, 80%, 70%
CMY	0.8235, 0.2000, 0.3020
CMYK	0.78, 0.00, 0.13, 0.20
HSL	170°, 64%, 49%
HSV	170°, 78%, 80%
XYZ	30.7109, 46.9580, 49.5646
YIQ	153.4950, -86.4180, -41.7940

Conversions

Conversions Part 2

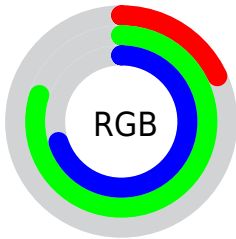
Format	Color
RYB	45, 132, 204
Decimal	3001522
CIELab	74.16, -45.53, 1.60
CIElCh	74, 45.561, 177.985
Yxy	46.9580, 0.2414, 0.3691
Android (android.graphics.Color)	4281191602 (0xFF2DCCB2)
YUV	153.4950, 12.0810, -95.1501
Hunter-Lab	68.5259, -39.9228, 5.0838

Details

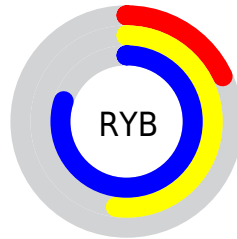
The Hex color **2DCCB2** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CC2D47**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **76FFEA**, and **00957D** is the 20% darker color. If you saturate the color by 10%, you get **19CCAF**, and if you desaturate by 10%, it is **41CCB5**.

Distribution



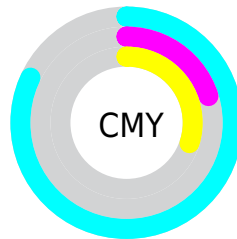
- Red (18%)
- Green (80%)
- Blue (70%)



- Red (18%)
- Yellow (52%)
- Blue (80%)



- Cyan (78%)
- Magenta (0%)
- Yellow (13%)
- Black (20%)



- Cyan (82%)
- Magenta (20%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DCCB2 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 2DCCB2 by changing the saturation by 10% instead.

 2DCCB2

 2DCCB2

FFFFFF

 00B097

 76FFEA

 00957D

 95FFFF

 007A65

 B3FFFF

 00614D

 D2FFFF

 004836

 F1FFFF

 003021

 00170A

 000000

 2DCCB2

 2DCCB2

 19CCAF

 41CCB5

 04CCAB

 56CCB9

 00CCAB

 6ACCBC

 7FCCBF

 93CCC3

 A7CCC6

 BCCCC9

 D0CCCD

 E5CCD0

Harmonies

Analogous

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



76C888



2DCCB2



00CCDC

Triad

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



2DCCB2



B6ADFF



F4A470

Complementary

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



2DCCB2



CC2D47

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.



FF9891



2DCCB2



E89DE3

Square

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



2DCCB2



6EBBFF



FF95BB



D3B361

Rectangle

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



2DCCB2



00C8F3



FF95BB



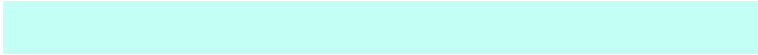
FC9F7A

Sweetspot

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



2DCCB2



C4FFF5



47CC2D



5C807A



000000



808080

Same Dimension

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



2DCCB2



0FFFD8



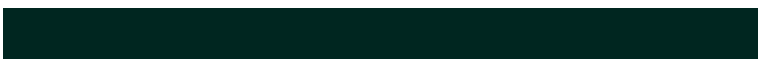
2D97CC



5C6664



00A68B



002620

Inverse Universe

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



CC2D47



FF0F36



CC622D



665C5D



A6001B



260006

Previews

White Background



This preview shows how the Hex color 2DCCB2 looks on a white background.

Color Contrast Check

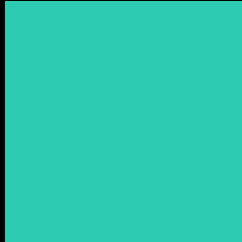
Large Text (above 18pt) WCAG AA × Fail

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 2DCCB2 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

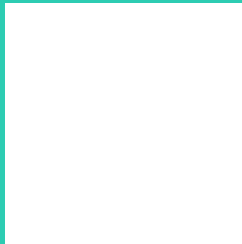
Any Text WCAG AAA ✓ Pass

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

Hex 2DCCB2 Background



This preview shows how black text looks on a background with the Hex color 2DCCB2.

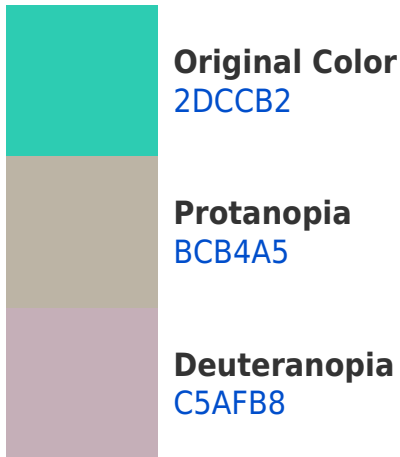


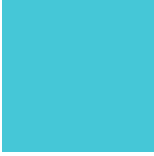
This preview shows how white text looks on a background with the Hex color 2DCCB2.

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
45C7D7

Trichromacy



Original Color
2DCCB2



Protanomaly
88BDAA



Deuteranomaly
8EBAB6



Tritanomaly
3CC9CA

Monochromacy



Original Color
2DCCB2



Achromatopsia
999999



Achromatomaly
72ACA2

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DCCB2 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 #2DCCB2 looks like.

```
.text, #text, p{  
    color:#2DCCB2  
}
```

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 #2DCCB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DCCB2
}
```

Border

The CSS property to change the border of an element to Hex 2DCCB2 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
#2DCCB2 }
```

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

```
.border{ border-color:#2DCCB2 }
```

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

Here you see how a box with a 4 pixel #2DCCB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DCCB2; -webkit-box-shadow:4px 4px  
4px 4px #2DCCB2; box-shadow:4px 4px 4px  
4px #2DCCB2 }
```

Background

The CSS property to change the background color of an element to Hex 2DCCB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DCCB2 }
```

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

```
.background{ background-color:#2DCCB2 }
```

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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