

Converting Colors

Hex(2DCBC3)

Have a look what the booklet for
Hex(2DCBC3) contains.

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Color

Hex(2DCBC3)

Conversions

Conversions Part 1

Format	Color
Hex	2DCBC3
RGB	45, 203, 195
RGB Percent	18%, 80%, 76%
CMY	0.8235, 0.2039, 0.2353
CMYK	0.78, 0.00, 0.04, 0.20
HSL	177°, 64%, 49%
HSV	177°, 78%, 80%
XYZ	32.2885, 47.2099, 59.0404
YIQ	154.8460, -91.6000, -35.9840

Conversions

Conversions Part 2

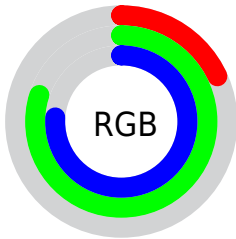
Format	Color
RYB	45, 126, 203
Decimal	3001283
CIELab	74.32, -40.45, -7.36
CIELCh	74, 41.113, 190.311
Yxy	47.2099, 0.2331, 0.3408
Android (android.graphics.Color)	4281191363 (0xFF2DCBC3)
YUV	154.8460, 19.7959, -96.3349
Hunter-Lab	68.7095, -36.3595, -2.8499

Details

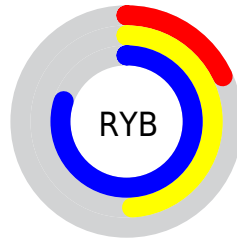
The Hex color **2DCBC3** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted cyan. A complement of this color would be **CB2D35**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **77FFFB**, and **00948D** is the 20% darker color. If you saturate the color by 10%, you get **19CBC2**, and if you desaturate by 10%, it is **41CBC4**.

Distribution



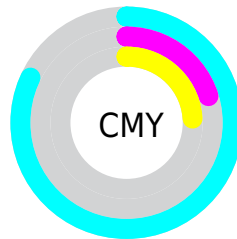
- Red (18%)
- Green (80%)
- Blue (76%)



- Red (18%)
- Yellow (49%)
- Blue (80%)



- Cyan (78%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)



- Cyan (82%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DCBC3 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 2DCBC3 by changing the saturation by 10% instead.

 2DCBC3

 2DCBC3

FFFFFF

 00AFA8

 77FFFB

 00948D

 96FFFF

 007A74

 B5FFFF

 00605B

 D4FFFF

 004744

 F3FFFF

 00302E

 001819

 000000

 2DCBC3

 2DCBC3

■ 19CBC2

■ 41CBC4

■ 04CBC1

■ 56CBC5

■ 00CBC1

■ 6ACBC6

■ 7ECBC7

■ 93CBC8

■ A7CBC9

■ BBCBCA

■ CFCBCB

■ E4CBCC

Harmonies

Analogous

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



69C99C



2DCBC3



00C9E6

Triad

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



2DCBC3



CCA8F1



E5AC70

Complementary

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



2DCBC3



CB2D35

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.



FBA088



2DCBC3



F19DD1

Square

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



2DCBC3



95B6FF



FF99AB



C3B96B

Rectangle

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



2DCBC3



35C4F8



FF99AB



EEA776

Sweetspot

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



2DCBC3



C4FFFC



38CB2D



5C807E



000000



808080

Same Dimension

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



2DCBC3



12FFF3



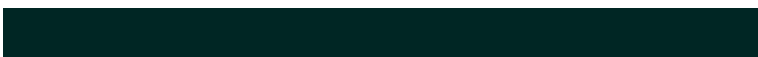
2D87CB



5C6665



00A69D



002624

Inverse Universe

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



CB2D35



FF121E



CB712D



665C5C



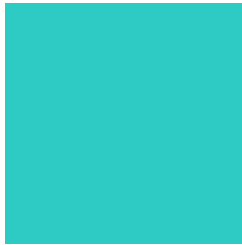
A60008



260002

Previews

White Background



This preview shows how the Hex color 2DCBC3 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 2DCBC3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

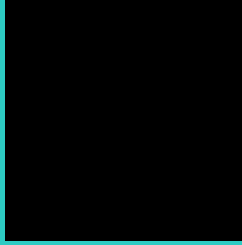
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

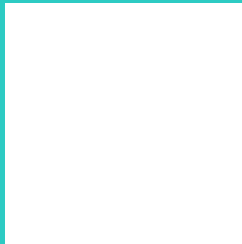
Any Text WCAG AAA ✓ Pass

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

Hex 2DCBC3 Background



This preview shows how black text looks on a background with the Hex color 2DCBC3.



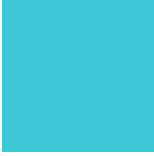
This preview shows how white text looks on a background with the Hex color 2DCBC3.

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
3DC8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2DCBC3 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 #2DCBC3 looks like.

```
.text, #text, p{  
    color:#2DCBC3  
}
```

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 #2DCBC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DCBC3
}
```

Border

The CSS property to change the border of an element to Hex 2DCBC3 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
#2DCBC3 }
```

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

```
.border{ border-color:#2DCBC3 }
```

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

Here you see how a box with a 4 pixel #2DCBC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DCBC3; -webkit-box-shadow:4px 4px  
4px 4px #2DCBC3; box-shadow:4px 4px 4px  
4px #2DCBC3 }
```

Background

The CSS property to change the background color of an element to Hex 2DCBC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DCBC3 }
```

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

```
.background{ background-color:#2DCBC3 }
```

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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