

Converting Colors

Hex(2CBD96)

Have a look what the booklet for
Hex(2CBD96) contains.

Hex(2CBD96)	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(2CBD96)

Conversions

Conversions Part 1

Format	Color
Hex	2CBD96
RGB	44, 189, 150
RGB Percent	17%, 74%, 59%
CMY	0.8275, 0.2588, 0.4118
CMYK	0.77, 0.00, 0.21, 0.26
HSL	164°, 62%, 46%
HSV	164°, 77%, 74%
XYZ	24.7413, 39.1327, 35.1035
YIQ	141.1990, -73.9010, -42.8690

Conversions

Conversions Part 2

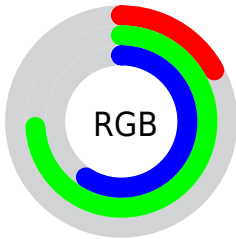
Format	Color
RYB	44, 128, 189
Decimal	2932118
CIELab	68.85, -46.47, 9.15
CIELCh	69, 47.363, 168.861
Yxy	39.1327, 0.2500, 0.3954
Android (android.graphics.Color)	4281122198 (0xFF2CBD96)
YUV	141.1990, 4.3389, -85.2435
Hunter-Lab	62.5561, -38.8754, 10.5185

Details

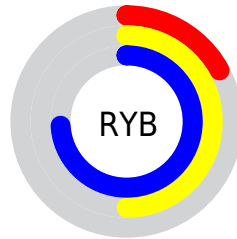
The Hex color **2CBD96** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BD2C53**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **71F6CC**, and **008763** is the 20% darker color. If you saturate the color by 10%, you get **19BD91**, and if you desaturate by 10%, it is **3FBD9B**.

Distribution



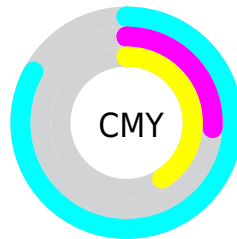
- Red (17%)
- Green (74%)
- Blue (59%)



- Red (17%)
- Yellow (50%)
- Blue (74%)



- Cyan (77%)
- Magenta (0%)
- Yellow (21%)
- Black (26%)



- Cyan (83%)
- Magenta (26%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CBD96 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 2CBD96 by changing the saturation by 10% instead.

 2CBD96

 2CBD96

FFFFFF

 00A17C

 71F6CC

 008763

 8FFFE8

 006C4B

 ADFFFF

 005335

 CBFFFF

 003B1F

 E9FFFF

 002508

 000000

 2CBD96

 2CBD96

 19BD91

 3FBD9B

06BD8C

52BDA0

00BD8A

65BDA5

78BDAA

8BBDAF

9DBDB5

B0BD8A

C3BDBF

D6BDC4

Harmonies

Analogous

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



76B86E



2CBD96



00BEC2

Triad

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



2CBD96



92A3F9



ED9169

Complementary

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



2CBD96



BD2C53

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.



F9868F



2CBD96



CD92E1

Square

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



2CBD96



30B1FC



F086BA



D0A053

Rectangle

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



2CBD96



00BCDD



F086BA



F38C74

Sweetspot

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



2CBD96



BCF5E6



55BD2C



587A71



FAFAFA



7A7A7A

Same Dimension

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



2CBD96



14F5B8



2C9EBD



555E5C



009E74



001F16

Inverse Universe

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



BD2C53



F51450



BD4B2C



5E5557



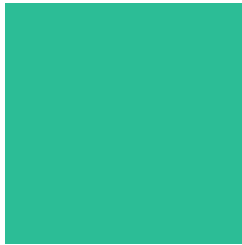
9E002B



1F0008

Previews

White Background



This preview shows how the Hex color 2CBD96 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 2CBD96 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

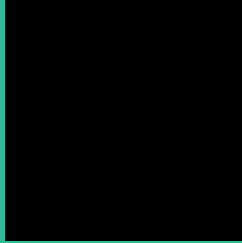
Any Text WCAG AA ✓ Pass

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 2CBD96 Background



This preview shows how black text looks on a background with the Hex color 2CBD96.

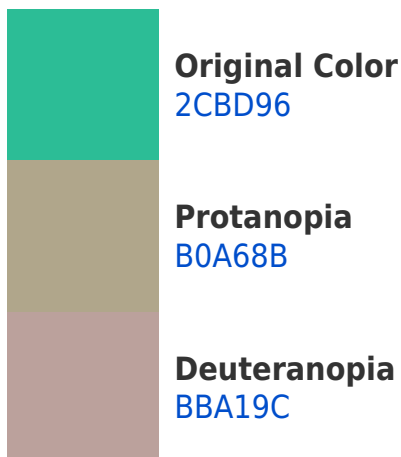


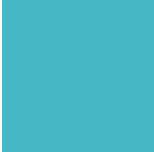
This preview shows how white text looks on a background with the Hex color 2CBD96.

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](#).

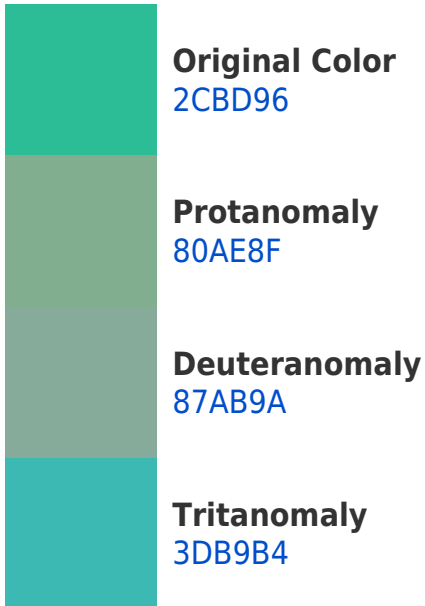
Dichromacy



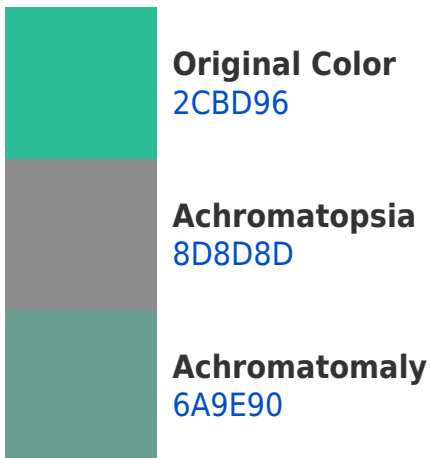


Tritanopia
46B7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2CBD96 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 #2CBD96 looks like.

```
.text, #text, p{  
    color:#2CBD96  
}
```

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 #2CBD96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CBD96
}
```

Border

The CSS property to change the border of an element to Hex 2CBD96 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
#2CBD96 }
```

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

```
.border{ border-color:#2CBD96 }
```

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

Here you see how a box with a 4 pixel #2CBD96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CBD96; -webkit-box-shadow:4px 4px  
4px 4px #2CBD96; box-shadow:4px 4px 4px  
4px #2CBD96 }
```

Background

The CSS property to change the background color of an element to Hex 2CBD96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CBD96 }
```

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

```
.background{ background-color:#2CBD96 }
```

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