

Converting Colors

Hex(2FBCC2)

Have a look what the booklet for
Hex(2FBCC2) contains.

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Color

Hex(2FBCC2)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 2FBCC2 |
| RGB | 47, 188, 194 |
| RGB Percent | 18%, 74%, 76% |
| CMY | 0.8157, 0.2627, 0.2392 |
| CMYK | 0.76, 0.03, 0.00, 0.24 |
| HSL | 182°, 61%, 47% |
| HSV | 182°, 76%, 76% |
| XYZ | 28.8931, 40.4658, 57.3268 |
| YIQ | 146.5250, -85.9620, -28.0260 |

Conversions

Conversions Part 2

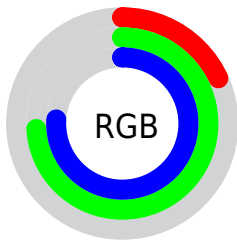
| Format | Color |
|-------------------------------------|---|
| RYB | 47, 119, 194 |
| Decimal | 3128514 |
| CIELab | 69.80, -33.63, -13.57 |
| CIELCh | 70, 36.267, 201.965 |
| Yxy | 40.4658, 0.2281, 0.3194 |
| Android (android.graphics.Color) | 4281318594 (0xFF2FBCC2) |
| YUV | 146.5250, 23.4052, -87.2834 |
| Hunter-Lab | 63.6127, -30.2470, -8.9023 |

Details

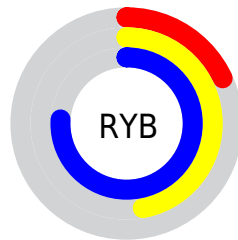
The Hex color **2FBCC2** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted azure. A complement of this color would be **C2352F**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **76F5FA**, and **00868C** is the 20% darker color. If you saturate the color by 10%, you get **1CBBC2**, and if you desaturate by 10%, it is **42BDC2**.

Distribution



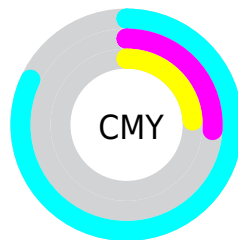
- Red (18%)
- Green (74%)
- Blue (76%)



- Red (18%)
- Yellow (47%)
- Blue (76%)



- Cyan (76%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



- Cyan (82%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FBCC2 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 2FBCC2 by changing the saturation by 10% instead.

 2FBCC2

 2FBCC2

FFFFFF

 00A1A7

 76F5FA

 00868C

 95FFFF

 006C73

 B3FFFF

 00535A

 D1FFFF

 003C43

 F0FFFF

 00262D

 000119

 000000

 2FBCC2

 2FBCC2

■ 1CBBC2

■ 42BDC2

■ 08BAC2

■ 56BEC2

■ 00BAC2

■ 69BEC2

■ 7DBFC2

■ 90C0C2

■ A3C1C2

■ B7C2C2

■ CAC2C2

■ DEC3C2

Harmonies

Analogous

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



58BCA0



2FBCC2



37B8DD

Triad

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



2FBCC2



CC9AD3



C9A669

Complementary

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



2FBCC2



C2352F

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.



E09A78



2FBCC2



E592B5

Square

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



2FBCC2



A2A5E7



EB9294



A8B06C

Rectangle

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



2FBCC2



5AB4E8



EB9294



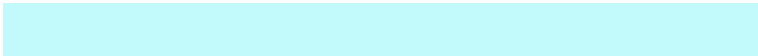
D2A26C

Sweetspot

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



2FBCC2



C2FAFC



2FC234



5C7E80



000000



808080

Same Dimension

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



2FBCC2



17F3FC



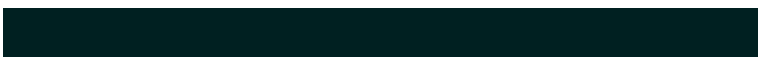
2F74C2



576161



009AA1



002021

Inverse Universe

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



C22FBC



FC17F3



C27D2F



615761



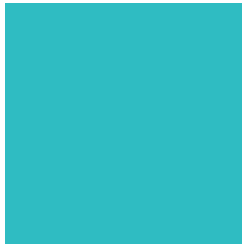
A1009A



210020

Previews

White Background



This preview shows how the Hex color 2FBCC2 looks on a white background.

Color Contrast Check

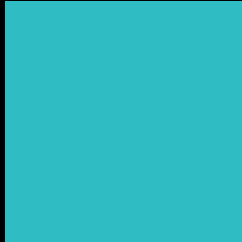
Large Text (above 18pt) WCAG AA × Fail

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 2FBCC2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

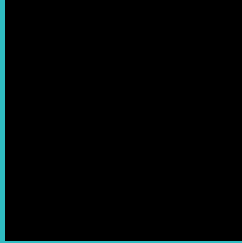
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

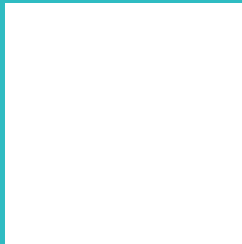
Any Text WCAG AAA ✓ Pass

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

Hex 2FBCC2 Background



This preview shows how black text looks on a background with the Hex color 2FBCC2.

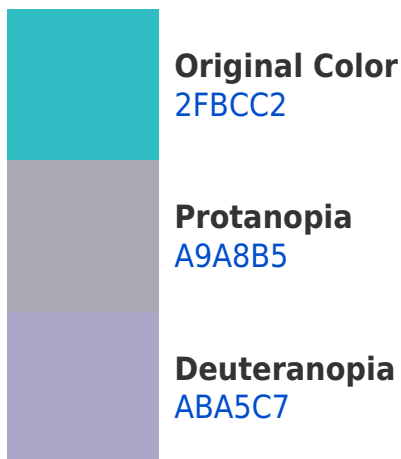


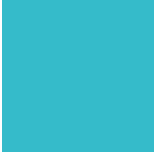
This preview shows how white text looks on a background with the Hex color 2FBCC2.

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](#).

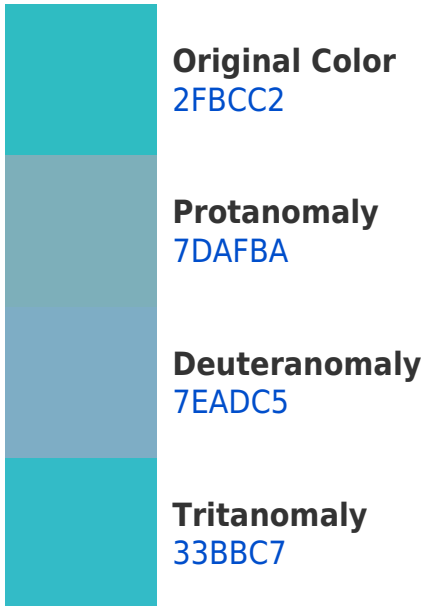
Dichromacy





Tritanopia
35BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2FBCC2 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 #2FBCC2 looks like.

```
.text, #text, p{  
    color:#2FBCC2  
}
```

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 #2FBCC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FBCC2
}
```

Border

The CSS property to change the border of an element to Hex 2FBCC2 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
#2FBCC2 }
```

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

```
.border{ border-color:#2FBCC2 }
```

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

Here you see how a box with a 4 pixel #2FBCC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FBCC2; -webkit-box-shadow:4px 4px  
4px 4px #2FBCC2; box-shadow:4px 4px 4px  
4px #2FBCC2 }
```

Background

The CSS property to change the background color of an element to Hex 2FBCC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FBCC2 }
```

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

```
.background{ background-color:#2FBCC2 }
```

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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