

# Converting Colors

Hex(2ECCC2)

Have a look what the booklet for  
Hex(2ECCC2) contains.

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# Color

Hex(2ECCC2)

# Conversions

## Conversions Part 1

Format	Color
Hex	2ECCC2
RGB	46, 204, 194
RGB Percent	18%, 80%, 76%
CMY	0.8196, 0.2000, 0.2392
CMYK	0.77, 0.00, 0.05, 0.20
HSL	176°, 63%, 49%
HSV	176°, 77%, 80%
XYZ	32.4572, 47.6616, 58.5279
YIQ	155.6180, -90.9580, -36.6060

# Conversions

## Conversions Part 2

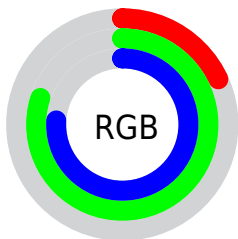
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 128, 204
Decimal	3067074
CIELab	74.61, -41.08, -6.39
CIElCh	75, 41.575, 188.842
Yxy	47.6616, 0.2341, 0.3438
Android (android.graphics.Color)	4281257154 (0xFF2ECCC2)
YUV	155.6180, 18.9223, -96.1350
Hunter-Lab	69.0374, -36.8956, -1.9381

# Details

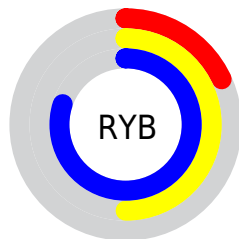
The Hex color **2ECCC2** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted cyan. A complement of this color would be **CC2E38**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **77FFFA**, and **00958D** is the 20% darker color. If you saturate the color by 10%, you get **1ACCC1**, and if you desaturate by 10%, it is **42CCC3**.

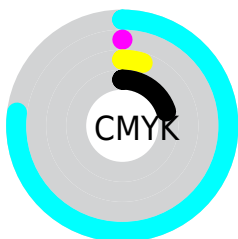
# Distribution



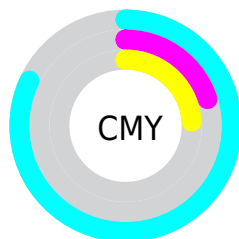
- Red (18%)
- Green (80%)
- Blue (76%)



- Red (18%)
- Yellow (50%)
- Blue (80%)



- Cyan (77%)
- Magenta (0%)
- Yellow (5%)
- Black (20%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 2ECCC2 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 2ECCC2 by changing the saturation by 10% instead.





2ECCC2



2ECCC2

FFFFFF



00B0A7



77FFFA



00958D



97FFFF



007B73



B6FFFF



00615B



D4FFFF



004843



F3FFFF



00312D



001919



000000



2ECCC2



2ECCC2

1ACCC1

42CCC3

05CCBF

57CCC5

00CCBF

6BCCC6

80CCC7

94CCC8

A8CCCA

BDCCCB

D1CCCC

E6CCCE

# Harmonies

## Analogous

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



6CCA9B



2ECCC2



00CAE6

# Triad

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



2ECCCC



CBA9F3



E7AC71

# Complementary

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



2ECCC2



CC2E38

# 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.



FD9F89



2ECCC2



F19DD4

# Square

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



2ECCCC



92B8FF



FF99AE



C5B96B

# Rectangle

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



2ECCC2



2EC6F8



FF99AE



F0A777

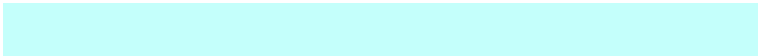


# Sweetspot

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



2ECCC2



C4FFFB



39CC2E



5C807D



000000



808080



# Same Dimension

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



2ECCC2



12FFF0



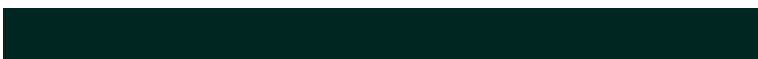
2E88CC



5C6665



00A69B



002624



# Inverse Universe

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



CC2E38



FF1221



CC722E



665C5C



A6000A

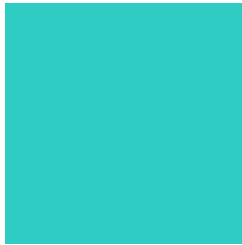


260002



# Previews

## White Background



This preview shows how the Hex color 2ECCC2 looks on a white background.

## Color Contrast Check

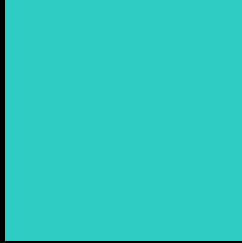
Large Text (above 18pt) WCAG AA × Fail

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 2ECCC2 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

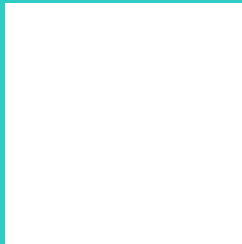
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2ECCC2 Background



This preview shows how black text looks on a background with the Hex color 2ECCC2.



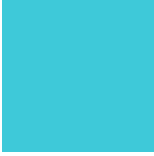
This preview shows how white text looks on a background with the Hex color 2ECCC2.

# 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**  
3EC9D9

# Trichromacy



**Original Color**  
2ECCC2



**Protanomaly**  
86BDBA



**Deuteranomaly**  
8BBBC6

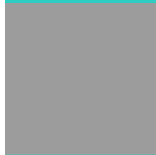


**Tritanomaly**  
38CAD1

# Monochromacy



**Original Color**  
2ECCC2



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
74ADAA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2ECCC2 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 #2ECCC2 looks like.

```
.text, #text, p{  
    color:#2ECCC2  
}
```

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 #2ECCCC colored shadow looks like.

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

## Border

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

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

```
.border{ border-color:#2ECCC2 }
```

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

Here you see how a box with a 4 pixel #2ECCC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2ECCC2; -webkit-box-shadow:4px 4px  
4px 4px #2ECCC2; box-shadow:4px 4px 4px  
4px #2ECCC2 }
```

# Background

The CSS property to change the background color of an element to Hex 2ECCC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2ECCC2 }
```

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

```
.background{ background-color:#2ECCC2 }
```

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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