

Converting Colors

Hex(2ECD8D)

Have a look what the booklet for
Hex(2ECD8D) contains.

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Color

Hex(2ECD8D)

Conversions

Conversions Part 1

Format	Color
Hex	2ECD8D
RGB	46, 205, 141
RGB Percent	18%, 80%, 55%
CMY	0.8196, 0.1961, 0.4471
CMYK	0.78, 0.00, 0.31, 0.20
HSL	156°, 63%, 49%
HSV	156°, 78%, 80%
XYZ	27.7658, 46.1666, 32.6469
YIQ	150.1630, -74.2200, -53.6120

Conversions

Conversions Part 2

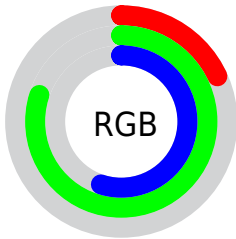
Format	Color
RYB	46, 146, 205
Decimal	3067277
CIELab	73.65, -54.68, 20.71
CIELCh	74, 58.467, 159.251
Yxy	46.1666, 0.2605, 0.4332
Android (android.graphics.Color)	4281257357 (0xFF2ECD8D)
YUV	150.1630, -4.5174, -91.3510
Hunter-Lab	67.9460, -45.9624, 19.0743

Details

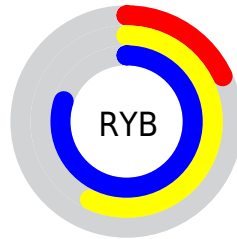
The Hex color **2ECD8D** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **CD2E6E**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **75FFC3**, and **00955A** is the 20% darker color. If you saturate the color by 10%, you get **1ACD85**, and if you desaturate by 10%, it is **42CD95**.

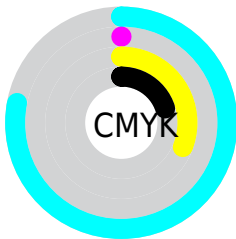
Distribution



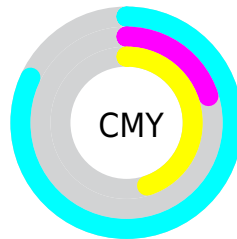
- Red (18%)
- Green (80%)
- Blue (55%)



- Red (18%)
- Yellow (57%)
- Blue (80%)



- Cyan (78%)
- Magenta (0%)
- Yellow (31%)
- Black (20%)



- Cyan (82%)
- Magenta (20%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2ECD8D 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 2ECD8D by changing the saturation by 10% instead.

 2ECD8D

 2ECD8D

FFFFFF

 00B173

 75FFC3

 00955A

 94FFDF

 007B43

 B2FFFC

 00612C

 D0FFFF

 004816

 EFFFFFFF

 003100

 001500

 000000

 2ECD8D

 2ECD8D

 1ACD85

 42CD95

 05CD7C

 57CD9E

 00CD7A

 6CCDA6

 80CDAE

 95CDB6

 A9CDBF

 BECDC7

 D2CDCF

 E6CDD7

Harmonies

Analogous

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



8AC55E



2ECD8D



00D0C4

Triad

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



2ECD8D



72B5FF



FF9174

Complementary

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



2ECD8D



CD2E6E

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.



FF86A6



2ECD8D



CEA0FF

Square

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



2ECD8D



00C5FF



FF8CDC



F2A54F

Rectangle

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



2ECD8D



00CFE8



FF8CDC



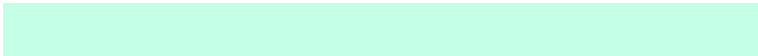
FF8C84

Sweetspot

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



2ECD8D



C4FFE7



70CD2E



5C8071



000000



808080

Same Dimension

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



2ECD8D



12FFA0



2EC0CD



5C6662



00A663



002617

Inverse Universe

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



CD2E6E



FF1271



CD3B2E



665C60



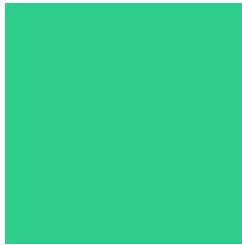
A60043



26000F

Previews

White Background



This preview shows how the Hex color 2ECD8D 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 2ECD8D 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 2ECD8D Background



This preview shows how black text looks on a background with the Hex color 2ECD8D.

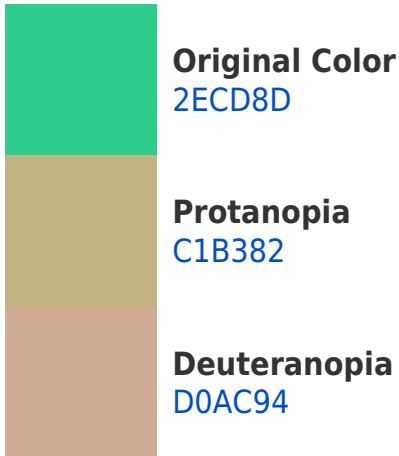


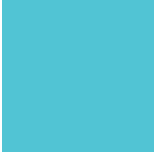
This preview shows how white text looks on a background with the Hex color 2ECD8D.

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](#).

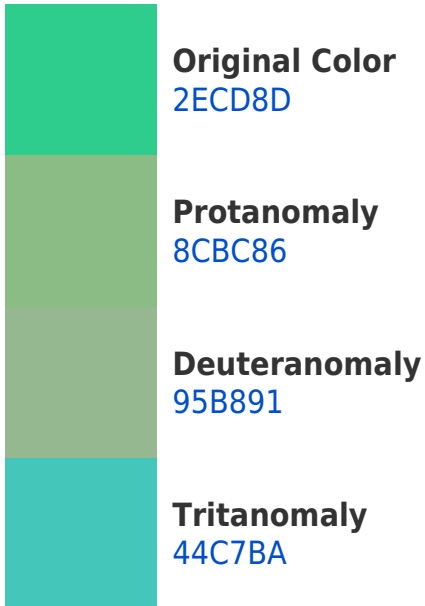
Dichromacy





Tritanopia
51C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2ECD8D 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 #2ECD8D looks like.

```
.text, #text, p{  
    color:#2ECD8D  
}
```

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 #2ECD8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2ECD8D
}
```

Border

The CSS property to change the border of an element to Hex 2ECD8D 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
#2ECD8D }
```

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

```
.border{ border-color:#2ECD8D }
```

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

Here you see how a box with a 4 pixel #2ECD8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2ECD8D; -webkit-box-shadow:4px 4px  
4px 4px #2ECD8D; box-shadow:4px 4px 4px  
4px #2ECD8D }
```

Background

The CSS property to change the background color of an element to Hex 2ECD8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2ECD8D }
```

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

```
.background{ background-color:#2ECD8D }
```

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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