

Converting Colors

Hex(2CEB9D)

Have a look what the booklet for
Hex(2CEB9D) contains.

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Color

Hex(2CEB9D)

Conversions

Conversions Part 1

Format	Color
Hex	2CEB9D
RGB	44, 235, 157
RGB Percent	17%, 92%, 62%
CMY	0.8275, 0.0784, 0.3843
CMYK	0.81, 0.00, 0.33, 0.08
HSL	155°, 83%, 55%
HSV	155°, 81%, 92%
XYZ	36.8328, 62.3865, 41.9988
YIQ	168.9990, -88.7980, -64.7500

Conversions

Conversions Part 2

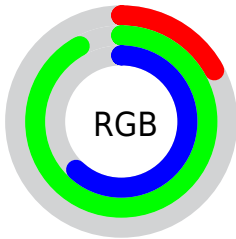
Format	Color
RYB	44, 164, 235
Decimal	2943901
CIELab	83.12, -62.70, 25.31
CIELCh	83, 67.617, 158.021
Yxy	62.3865, 0.2608, 0.4418
Android (android.graphics.Color)	4281133981 (0xFF2CEB9D)
YUV	168.9990, -5.9155, -109.6241
Hunter-Lab	78.9851, -54.9846, 23.7633

Details

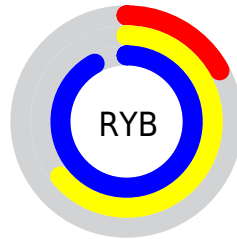
The Hex color **2CEB9D** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle washed spring green. A complement of this color would be **EB2C7A**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **7AFFD4**, and **00B269** is the 20% darker color. If you saturate the color by 10%, you get **14EB93**, and if you desaturate by 10%, it is **43EBA7**.

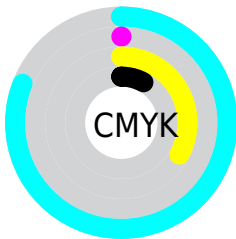
Distribution



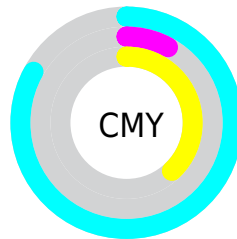
- Red (17%)
- Green (92%)
- Blue (62%)



- Red (17%)
- Yellow (64%)
- Blue (92%)



- Cyan (81%)
- Magenta (0%)
- Yellow (33%)
- Black (8%)



- Cyan (83%)
- Magenta (8%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CEB9D 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 2CEB9D by changing the saturation by 10% instead.

 2CEB9D

 2CEB9D

FFFFFF

 00CE83

 7AFFD4

 00B269

 9BFFF0

 009651

 BAFFFF

 007B39

 DAFFFF

 006122

 F9FFFF

 00470B

 003000

 001300

 000000

 2CEB9D

 2CEB9D

 14EB93

 43EBA7

 00EB8B

 5BEBB0

 72EBBA

 8AEBC3

 A1EBCD

 B9EBD7

 D0EBE0

 E8EBEA

 FFEBF3

Harmonies

Analogous

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



9EE265



2CEB9D



00EEDF

Triad

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



2CEB9D



76D0FF



FFA384

Complementary

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



2CEB9D



EB2C7A

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.



FF96C0



2CEB9D



E9B7FF

Square

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



2CEB9D



00E2FF



FF9FFF



FFBB56

Rectangle

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



2CEB9D



00EEFF



FF9FFF



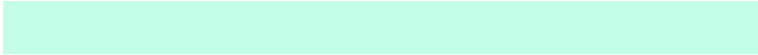
FF9D97

Sweetspot

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



2CEB9D



C2FFE6



7CEB2C



5B8070



000000



808080

Same Dimension

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



2CEB9D



05FF99



2CDBEB



6A7571



00B56B



003620

Inverse Universe

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



EB2C7A



FF056B



EB3C2C



756A6E



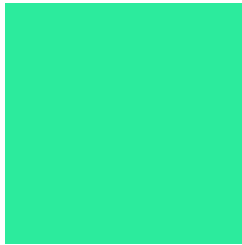
B5004A



360016

Previews

White Background



This preview shows how the Hex color 2CEB9D 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 2CEB9D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

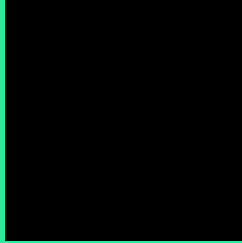
Any Text WCAG AA ✓ Pass

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 2CEB9D Background



This preview shows how black text looks on a background with the Hex color 2CEB9D.

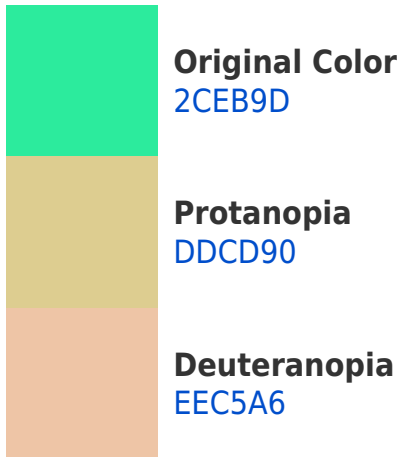


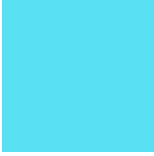
This preview shows how white text looks on a background with the Hex color 2CEB9D.

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
5AE0F3

Trichromacy



Original Color
2CEB9D



Protanomaly
9DD895



Deuteranomaly
A7D3A3

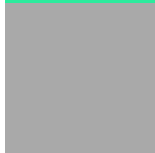


Tritanomaly
49E4D4

Monochromacy



Original Color
2CEB9D



Achromatopsia
A9A9A9



Achromatomaly
7CC1A5

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CEB9D 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 #2CEB9D looks like.

```
.text, #text, p{  
    color:#2CEB9D  
}
```

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 #2CEB9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CEB9D
}
```

Border

The CSS property to change the border of an element to Hex 2CEB9D 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
#2CEB9D }
```

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

```
.border{ border-color:#2CEB9D }
```

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

Here you see how a box with a 4 pixel #2CEB9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CEB9D; -webkit-box-shadow:4px 4px  
4px 4px #2CEB9D; box-shadow:4px 4px 4px  
4px #2CEB9D }
```

Background

The CSS property to change the background color of an element to Hex 2CEB9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CEB9D }
```

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

```
.background{ background-color:#2CEB9D }
```

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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