

Converting Colors

Hex(2FEC9D)

Have a look what the booklet for
Hex(2FEC9D) contains.

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Color

Hex(2FEC9D)

Conversions

Conversions Part 1

Format	Color
Hex	2FEC9D
RGB	47, 236, 157
RGB Percent	18%, 93%, 62%
CMY	0.8157, 0.0745, 0.3843
CMYK	0.80, 0.00, 0.33, 0.07
HSL	155°, 83%, 55%
HSV	155°, 80%, 93%
XYZ	37.2535, 63.0296, 42.1007
YIQ	170.4830, -87.2850, -64.6370

Conversions

Conversions Part 2

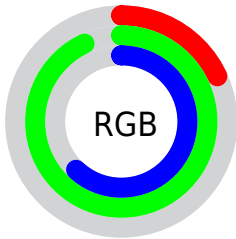
Format	Color
RYB	47, 166, 236
Decimal	3140765
CIELab	83.46, -62.78, 25.77
CIELCh	83, 67.868, 157.680
Yxy	63.0296, 0.2616, 0.4427
Android (android.graphics.Color)	4281330845 (0xFF2FEC9D)
YUV	170.4830, -6.6471, -108.2946
Hunter-Lab	79.3912, -55.1751, 24.1326




Details

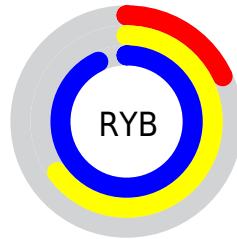
The Hex color **2FEC9D** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle washed spring green. A complement of this color would be **EC2F7E**, and the grayscale version is **ABABAB**.




A 20% lighter version of the original color is **7CFFD4**, and **00B369** is the 20% darker color. If you saturate the color by 10%, you get **17EC93**, and if you desaturate by 10%, it is **47ECA7**.

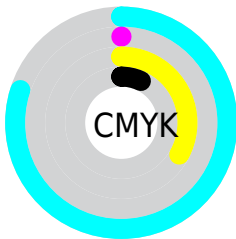
Distribution







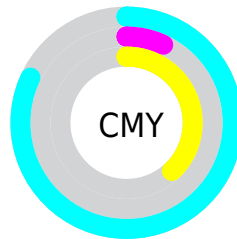
-  Red (18%)
-  Green (93%)
-  Blue (62%)






-  Red (18%)
-  Yellow (65%)
-  Blue (93%)



-  Cyan (80%)
-  Magenta (0%)
-  Yellow (33%)
-  Black (7%)



-  Cyan (82%)
-  Magenta (7%)
-  Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FEC9D 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 2FEC9D by changing the saturation by 10% instead.

 2FEC9D

 2FEC9D


FFFFFF

 00CF83

 7CFFD4

 00B369

 9CFFF0

 009750

 BCFFFF

 007C39

 DBFFFF

 006222

 FAFFFF

 00480B

 003100

 001400

 000000

 2FEC9D

 2FEC9D

 17EC93

 47ECA7

 00EC89

 5EECB1

 76ECBB

 8DECC4

 A5ECCE

 BDECD8

 D4ECE2

 ECECEC

 FFECF6

Harmonies

Analogous

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



A0E265



2FEC9D



00F0DF

Triad

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



2FEC9D



74D2FF



FFA385

Complementary

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



2FEC9D



EC2F7E

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.



FF97C2



2FEC9D



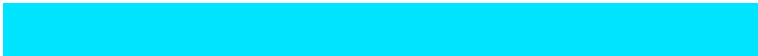
E9B8FF

Square

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



2FEC9D



00E4FF



FFA0FF



FFBB57

Rectangle

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



2FEC9D



00EFFF



FFA0FF



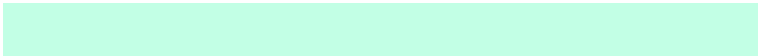
FF9D98

Sweetspot

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



2FEC9D



C2FFE5



81EC2F



5B8070



000000



808080

Same Dimension

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



2FEC9D



0AFF99



2FD FEC



6A7570



00B569



00361F

Inverse Universe

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



EC2F7E



FF0A71



EC3C2F



756A6E



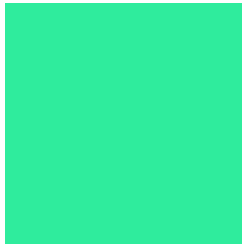
B5004C



360016

Previews

White Background



This preview shows how the Hex color 2FEC9D 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 2FEC9D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

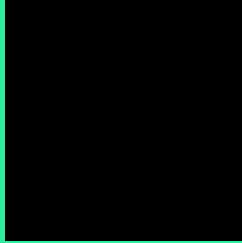
Any Text WCAG AA ✓ Pass

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 2FEC9D Background



This preview shows how black text looks on a background with the Hex color 2FEC9D.

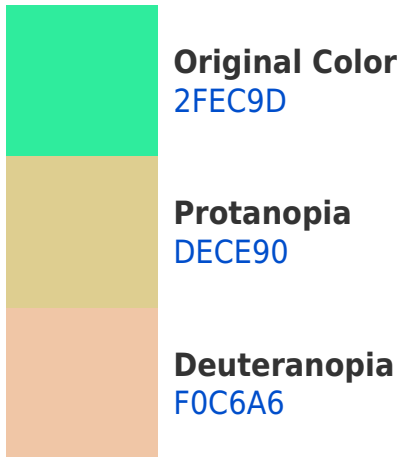


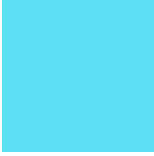
This preview shows how white text looks on a background with the Hex color 2FEC9D.

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
5CE1F4

Trichromacy



Original Color
2FEC9D



Protanomaly
9ED995

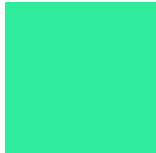


Deuteranomaly
AAD4A3



Tritanomaly
4CE5D4

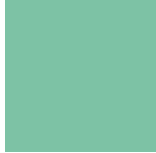
Monochromacy



Original Color
2FEC9D



Achromatopsia
AAAAAA



Achromatomaly
7DC2A5

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FEC9D 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 #2FEC9D looks like.

```
.text, #text, p{  
    color:#2FEC9D  
}
```

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 #2FEC9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FEC9D
}
```

Border

The CSS property to change the border of an element to Hex 2FEC9D 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
#2FEC9D }
```

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

```
.border{ border-color:#2FEC9D }
```

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

Here you see how a box with a 4 pixel #2FEC9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FEC9D; -webkit-box-shadow:4px 4px  
4px 4px #2FEC9D; box-shadow:4px 4px 4px  
4px #2FEC9D }
```

Background

The CSS property to change the background color of an element to Hex 2FEC9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FEC9D }
```

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

```
.background{ background-color:#2FEC9D }
```

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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