

Converting Colors

Hex(2DFD8B)

Have a look what the booklet for
Hex(2DFD8B) contains.

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Color

Hex(2DFD8B)

Conversions

Conversions Part 1

Format	Color
Hex	2DFD8B
RGB	45, 253, 139
RGB Percent	18%, 99%, 55%
CMY	0.8235, 0.0078, 0.4549
CMYK	0.82, 0.00, 0.45, 0.01
HSL	147°, 98%, 58%
HSV	147°, 82%, 99%
XYZ	40.8677, 72.6725, 36.2994
YIQ	177.8120, -87.3740, -79.5500

Conversions

Conversions Part 2

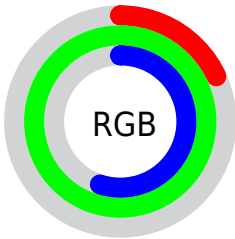
Format	Color
RYB	45, 188, 253
Decimal	3014027
CIELab	88.29, -72.15, 41.13
CIELCh	88, 83.049, 150.311
Yxy	72.6725, 0.2727, 0.4850
Android (android.graphics.Color)	4281204107 (0xFF2DFD8B)
YUV	177.8120, -19.1343, -116.4761
Hunter-Lab	85.2482, -63.6121, 34.4276

Details

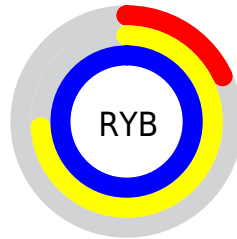
The Hex color **2DFD8B** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **FD2D9F**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **7FFFC2**, and **00C357** is the 20% darker color. If you saturate the color by 10%, you get **14FD7D**, and if you desaturate by 10%, it is **46FD99**.

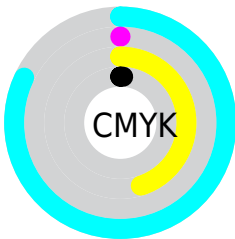
Distribution



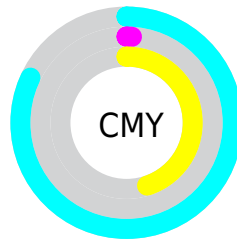
- Red (18%)
- Green (99%)
- Blue (55%)



- Red (18%)
- Yellow (74%)
- Blue (99%)



- Cyan (82%)
- Magenta (0%)
- Yellow (45%)
- Black (1%)



- Cyan (82%)
- Magenta (1%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DFD8B 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 2DFD8B by changing the saturation by 10% instead.

 2DFD8B

 2DFD8B

FFFFFF

 00E071

 7FFFC2

 00C357

 A0FFDE

 00A73E

 C0FFFB

 008B24

 E0FFFF

 007005

 005600

 003D00

 002400

 000000

 2DFD8B

 2DFD8B

 14FD7D

 46FD99

 00FD72

 60FDA7

 79FDB5

 92FDC2

 ACFDD0

 C5FDDE

 DEFDEC

 F7FDFA

 FFFDFF

Harmonies

Analogous

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



B6F047



2DFD8B



00FFDC

Triad

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



2DFD8B



00E6FF



FF9C92

Complementary

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



2DFD8B



FD2D9F

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.



FF91E0



2DFD8B



DEC8FF

Square

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



2DFD8B



00FAFF



FFA5FF



FFBC51

Rectangle

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



2DFD8B



00FFFF



FFA5FF



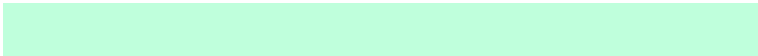
FF95AB

Sweetspot

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



2DFD8B



BFFFDC



9FFD2D



59806B



000000



808080

Same Dimension

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



2DFD8B



03FF75



2DFDF3



738079



00BF56



00401D

Inverse Universe

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



FD2D9F



FF038D



FD2D37



80737A



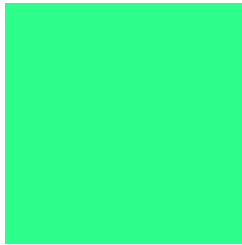
BF0069



400023

Previews

White Background



This preview shows how the Hex color 2DFD8B 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 2DFD8B 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 2DFD8B Background



This preview shows how black text looks on a background with the Hex color 2DFD8B.

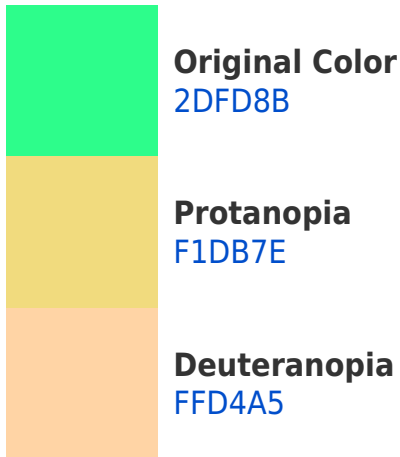


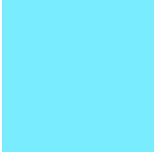
This preview shows how white text looks on a background with the Hex color 2DFD8B.

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
79EDFF

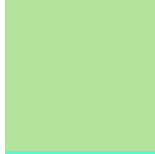
Trichromacy



Original Color
2DFD8B



Protanomaly
AAE783



Deuteranomaly
B3E39C



Tritanomaly
5DF3D5

Monochromacy



Original Color
2DFD8B



Achromatopsia
B2B2B2



Achromatomaly
82CDA4

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DFD8B 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 #2DFD8B looks like.

```
.text, #text, p{  
    color:#2DFD8B  
}
```

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 #2DFD8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DFD8B
}
```

Border

The CSS property to change the border of an element to Hex 2DFD8B 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
#2DFD8B }
```

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

```
.border{ border-color:#2DFD8B }
```

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

Here you see how a box with a 4 pixel #2DFD8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DFD8B; -webkit-box-shadow:4px 4px  
4px 4px #2DFD8B; box-shadow:4px 4px 4px  
4px #2DFD8B }
```

Background

The CSS property to change the background color of an element to Hex 2DFD8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DFD8B }
```

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

```
.background{ background-color:#2DFD8B }
```

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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