

Converting Colors

Hex(4FFDFB)

Have a look what the booklet for
Hex(4FFDFB) contains.

Hex(4FFDFB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4FFDFB)

Conversions

Conversions Part 1

Format	Color
Hex	4FFDFB
RGB	79, 253, 251
RGB Percent	31%, 99%, 98%
CMY	0.6902, 0.0078, 0.0157
CMYK	0.69, 0.00, 0.01, 0.01
HSL	179°, 98%, 65%
HSV	179°, 69%, 99%
XYZ	55.7623, 78.8779, 103.5528
YIQ	200.7460, -103.0620, -37.5100

Conversions

Conversions Part 2

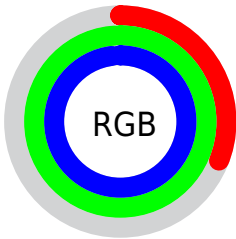
Format	Color
RYB	79, 167, 253
Decimal	5242363
CIELab	91.18, -43.41, -11.89
CIELCh	91, 45.005, 195.319
Yxy	78.8779, 0.2341, 0.3312
Android (android.graphics.Color)	4283432443 (0xFF4FFDFB)
YUV	200.7460, 24.7752, -106.7712
Hunter-Lab	88.8132, -43.3500, -6.9606

Details

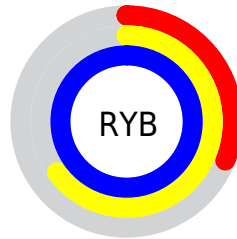
The Hex color **4FFDFB** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FD4F51**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **96FFFF**, and **00C4C3** is the 20% darker color. If you saturate the color by 10%, you get **36FDFB**, and if you desaturate by 10%, it is **68FDFB**.

Distribution



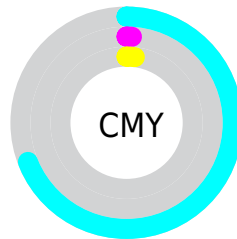
- Red (31%)
- Green (99%)
- Blue (98%)



- Red (31%)
- Yellow (65%)
- Blue (99%)



- Cyan (69%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)



- Cyan (69%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FFDFB 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 4FFDFB by changing the saturation by 10% instead.

 4FFDFB

 4FFDFB

FFFFFF

 17E0DE

 96FFFF

 00C4C3

 B6FFFF

 00A8A7

 D6FFFF

 008D8D

 F6FFFF

 007374

 00595B

 004144

 002B2D

 00091A

 4FFDFB

 4FFDFB

 36FDFB

 68FDFB

 1CFDFA

 82FDFC

 03FDFA

 9BFDFC

 00FDFA

 B4FDFC

 CEFDFC

 E7FDFD

 FFFDFD

 FFFDFE

Harmonies

Analogous

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



86FCCE



4FFDFB



45F9FF

Triad

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



4FFDFB



FFD3FF



FFDC92

Complementary

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



4FFDFB



FD4F51

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.



FFCDAA



4FFDFB



FFC7FD

Square

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



4FFDFB



CCE2FF



FFC5D1



ECEA91

Rectangle

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



4FFDFB



6DF4FF



FFC5D1



FFD798

Sweetspot

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



4FFDFB



C9FFFE



52FD4F



60807F



000000



808080

Same Dimension

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



4FFDFB



2BFFFD



4FA9FD



73807F



00BFBD



00403F

Inverse Universe

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



FD4F51



FF2B2E



FDA34F



807373



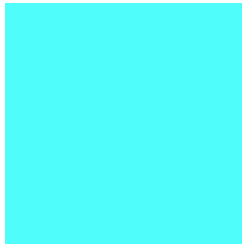
BF0002



400001

Previews

White Background



This preview shows how the Hex color 4FFDFB looks on a white background.

Color Contrast Check

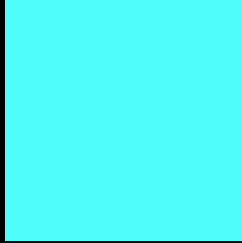
Large Text (above 18pt) WCAG AA × Fail

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 4FFDFB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

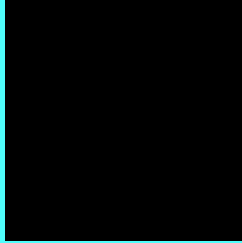
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

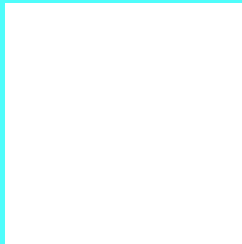
Any Text WCAG AAA ✓ Pass

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

Hex 4FFDFB Background



This preview shows how black text looks on a background with the Hex color 4FFDFB.

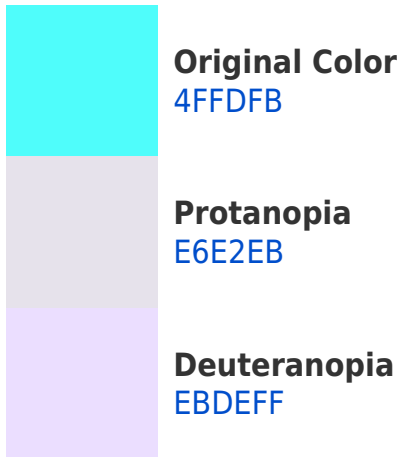


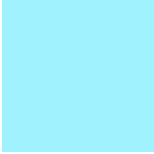
This preview shows how white text looks on a background with the Hex color 4FFDFB.

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
A1F2FF

Trichromacy



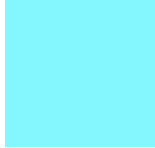
Original Color
4FFDFB



Protanomaly
AFECF1



Deuteranomaly
B2E9FE

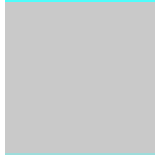


Tritanomaly
83F6FE

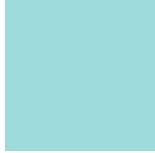
Monochromacy



Original Color
4FFDFB



Achromatopsia
C9C9C9



Achromatomaly
9DDCDB

CSS Examples

Text

The CSS property to change the color of the text to Hex 4FFDFB 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 #4FFDFB looks like.

```
.text, #text, p{  
    color:#4FFDFB  
}
```

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 #4FFDFB colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 4FFDFB 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  
#4FFDFB }
```

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

```
.border{ border-color:#4FFDFB }
```

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

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

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

Background

The CSS property to change the background color of an element to Hex 4FFDFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FFDFB }
```

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

```
.background{ background-color:#4FFDFB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor