

Converting Colors

Hex(4DF8B2)

Have a look what the booklet for
Hex(4DF8B2) contains.

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Color

Hex(4DF8B2)

Conversions

Conversions Part 1

Format	Color
Hex	4DF8B2
RGB	77, 248, 178
RGB Percent	30%, 97%, 70%
CMY	0.6980, 0.0275, 0.3020
CMYK	0.69, 0.00, 0.28, 0.03
HSL	155°, 92%, 64%
HSV	155°, 69%, 97%
XYZ	44.6639, 71.9269, 53.6487
YIQ	188.8910, -79.4460, -58.0220

Conversions

Conversions Part 2

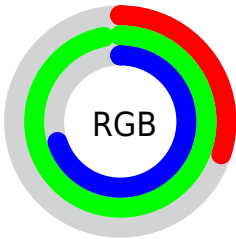
Format	Color
RYB	77, 185, 248
Decimal	5109938
CIELab	87.93, -59.26, 21.23
CIELCh	88, 62.951, 160.291
Yxy	71.9269, 0.2624, 0.4225
Android (android.graphics.Color)	4283300018 (0xFF4DF8B2)
YUV	188.8910, -5.3693, -98.1284
Hunter-Lab	84.8097, -54.4126, 21.8613

Details

The Hex color **4DF8B2** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **F84D93**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **91FFEA**, and **00BE7D** is the 20% darker color. If you saturate the color by 10%, you get **34F8A8**, and if you desaturate by 10%, it is **66F8BC**.

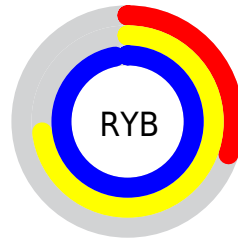
Distribution



Red (30%)

Green (97%)

Blue (70%)



Red (30%)

Yellow (73%)

Blue (97%)

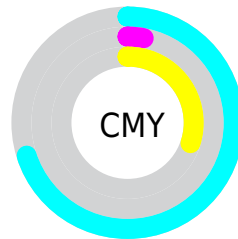


Cyan (69%)

Magenta (0%)

Yellow (28%)

Black (3%)



Cyan (70%)

Magenta (3%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DF8B2 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 4DF8B2 by changing the saturation by 10% instead.

 4DF8B2

 4DF8B2

FFFFFF

 1DDB97

 91FFEA

 00BE7D

 B0FFFF

 00A364

 CFFFFFF

 00874C

 EFFFFFF

 006D34

 00531E

 003A08

 002300

 000000

 4DF8B2

 4DF8B2

 34F8A8

 66F8BC

 1BF89E

 7FF8C6

 03F894

 97F8D0

 00F892

 B0F8DB

 C9F8E5

 E2F8EF

 FBF8F9

 FFF8FF

Harmonies

Analogous

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



ABEF7D



4DF8B2



00FBF0

Triad

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



4DF8B2



9BDCFF



FFB692

Complementary

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



4DF8B2



F84D93

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.



FFA9CA



4DF8B2



FCC5FF

Square

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



4DF8B2



00EEFF



FFB0FF



FFCB6A

Rectangle

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



4DF8B2



00FAFF



FFB0FF



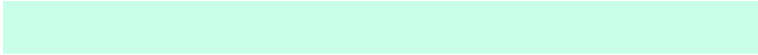
FFB0A3

Sweetspot

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



4DF8B2



C9FFE9



94F84D



608072



000000



808080

Same Dimension

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



4DF8B2



2BFFA8



4DEAF8



707D78



00BD6F



003D24

Inverse Universe

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



F84D93



FF2B82



F85B4D



7D7076



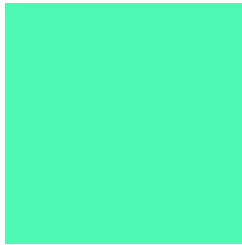
BD004D



3D0019

Previews

White Background



This preview shows how the Hex color 4DF8B2 looks on a white background.

Color Contrast Check

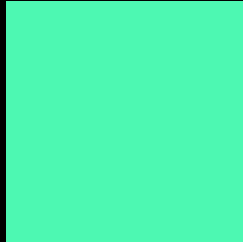
Large Text (above 18pt) WCAG AA × Fail

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 4DF8B2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

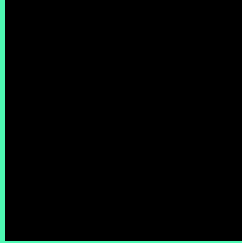
Any Text WCAG AA ✓ Pass

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 4DF8B2 Background



This preview shows how black text looks on a background with the Hex color 4DF8B2.

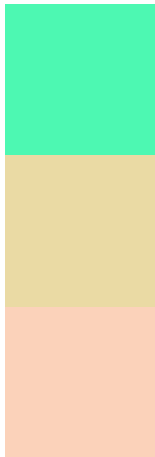


This preview shows how white text looks on a background with the Hex color 4DF8B2.

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](#).

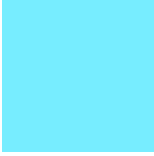
Dichromacy



Original Color
4DF8B2

Protanopia
EADAA4

Deuteranopia
FBD2BA



Tritanopia
77EDFF

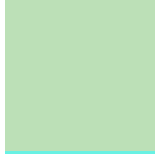
Trichromacy



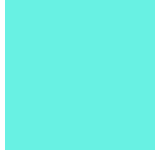
Original Color
4DF8B2



Protanomaly
B1E5A9



Deuteranomaly
BCE0B7



Tritanomaly
68F1E3

Monochromacy



Original Color
4DF8B2



Achromatopsia
BDBDBD



Achromatomaly
94D2B9

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DF8B2 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 #4DF8B2 looks like.

```
.text, #text, p{  
    color:#4DF8B2  
}
```

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 #4DF8B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DF8B2
}
```

Border

The CSS property to change the border of an element to Hex 4DF8B2 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
#4DF8B2 }
```

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

```
.border{ border-color:#4DF8B2 }
```

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

Here you see how a box with a 4 pixel #4DF8B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DF8B2; -webkit-box-shadow:4px 4px  
4px 4px #4DF8B2; box-shadow:4px 4px 4px  
4px #4DF8B2 }
```

Background

The CSS property to change the background color of an element to Hex 4DF8B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DF8B2 }
```

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

```
.background{ background-color:#4DF8B2 }
```

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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