

Converting Colors

Hex(3DFAD2)

Have a look what the booklet for
Hex(3DFAD2) contains.

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Color

Hex(3DFAD2)

Conversions

Conversions Part 1

Format	Color
Hex	3DFAD2
RGB	61, 250, 210
RGB Percent	24%, 98%, 82%
CMY	0.7608, 0.0196, 0.1765
CMYK	0.76, 0.00, 0.16, 0.02
HSL	167°, 95%, 61%
HSV	167°, 76%, 98%
XYZ	47.7429, 74.0165, 72.7431
YIQ	188.9290, -99.8040, -52.5080

Conversions

Conversions Part 2

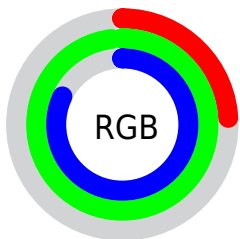
Format	Color
RYB	61, 167, 250
Decimal	4061906
CIELab	88.93, -54.83, 6.07
CIELCh	89, 55.161, 173.678
Yxy	74.0165, 0.2455, 0.3805
Android (android.graphics.Color)	4282251986 (0xFF3DFAD2)
YUV	188.9290, 10.3880, -112.1937
Hunter-Lab	86.0328, -51.5009, 10.0917

Details

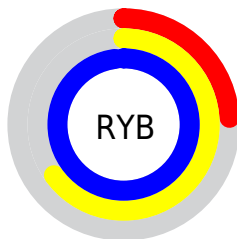
The Hex color **3DFAD2** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FA3D65**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **88FFFF**, and **00C09C** is the 20% darker color. If you saturate the color by 10%, you get **24FACD**, and if you desaturate by 10%, it is **56FAD7**.

Distribution



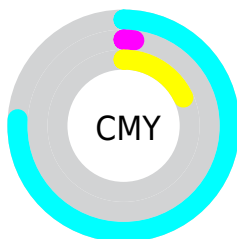
- Red (24%)
- Green (98%)
- Blue (82%)



- Red (24%)
- Yellow (65%)
- Blue (98%)



- Cyan (76%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)



- Cyan (76%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DFAD2 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 3DFAD2 by changing the saturation by 10% instead.

 3DFAD2

 3DFAD2

FFFFFF

 00DDB6

 88FFFF

 00C09C

 A8FFFF

 00A582

 C8FFFF

 008968

 E8FFFF

 006F50

 00553A

 003C24

 00250F

 000000

 3DFAD2

 3DFAD2

 24FACD

 56FAD7

 0BFAC7

 6FFADD

 00FAC5

 88FAE2

 A1FAE7

 BAFAEC

 D3FAF2

 ECFAF7

 FFFAFC

 FFFAFF

Harmonies

Analogous

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



98F49F



3DFAD2



00FAFF

Triad

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



3DFAD2



D3D6FF



FFC68C

Complementary

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



3DFAD2



FA3D65

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.



FFB7B8



3DFAD2



FFC2FF

Square

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



3DFAD2



70E8FF



FFB5ED



FFD875

Rectangle

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



3DFAD2



00F7FF



FFB5ED



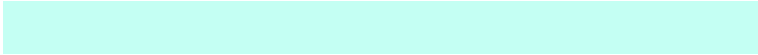
FFC099

Sweetspot

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



3DFAD2



C4FFF3



66FA3D



5C8078



000000



808080

Same Dimension

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



3DFAD2



17FFCE



3DC4FA



707D7A



00BD95



003D30

Inverse Universe

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



FA3D65



FF1748



FA733D



7D7073



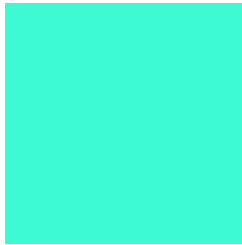
BD0028



3D000D

Previews

White Background



This preview shows how the Hex color 3DFAD2 looks on a white background.

Color Contrast Check

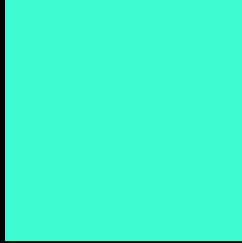
Large Text (above 18pt) WCAG AA × Fail

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 3DFAD2 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 3DFAD2 Background



This preview shows how black text looks on a background with the Hex color 3DFAD2.

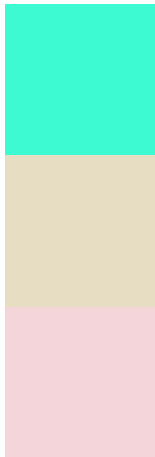


This preview shows how white text looks on a background with the Hex color 3DFAD2.

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](#).

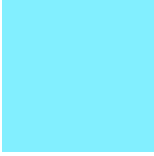
Dichromacy



Original Color
3DFAD2

Protanopia
E7DDC3

Deuteranopia
F4D6DA

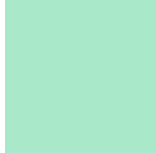


Tritanopia
82EFFF

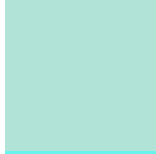
Trichromacy



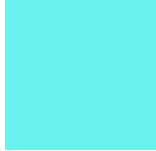
Original Color
3DFAD2



Protanomaly
A9E8C8



Deuteranomaly
B1E3D7

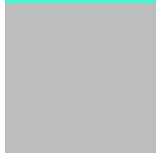


Tritanomaly
69F3EF

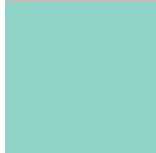
Monochromacy



Original Color
3DFAD2



Achromatopsia
BDBDBD



Achromatomaly
8ED3C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DFAD2 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 #3DFAD2 looks like.

```
.text, #text, p{  
    color:#3DFAD2  
}
```

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 #3DFAD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DFAD2
}
```

Border

The CSS property to change the border of an element to Hex 3DFAD2 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
#3DFAD2 }
```

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

```
.border{ border-color:#3DFAD2 }
```

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

Here you see how a box with a 4 pixel #3DFAD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DFAD2; -webkit-box-shadow:4px 4px  
4px 4px #3DFAD2; box-shadow:4px 4px 4px  
4px #3DFAD2 }
```

Background

The CSS property to change the background color of an element to Hex 3DFAD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DFAD2 }
```

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

```
.background{ background-color:#3DFAD2 }
```

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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