

Converting Colors

Hex(3DFFD9)

Have a look what the booklet for
Hex(3DFFD9) contains.

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Color

Hex(3DFFD9)

Conversions

Conversions Part 1

Format	Color
Hex	3DFFD9
RGB	61, 255, 217
RGB Percent	24%, 100%, 85%
CMY	0.7608, 0.0000, 0.1490
CMYK	0.76, 0.00, 0.15, 0.00
HSL	168°, 100%, 62%
HSV	168°, 76%, 100%
XYZ	50.2089, 77.5219, 77.9626
YIQ	192.6620, -103.4260, -52.9460

Conversions

Conversions Part 2

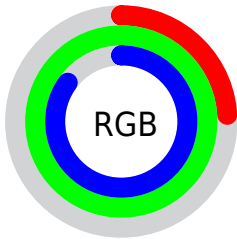
Format	Color
RYB	61, 169, 255
Decimal	4063193
CIELab	90.56, -55.13, 4.80
CIELCh	91, 55.336, 175.023
Yxy	77.5219, 0.2441, 0.3769
Android (android.graphics.Color)	4282253273 (0xFF3DFFD9)
YUV	192.6620, 11.9986, -115.4676
Hunter-Lab	88.0465, -52.2911, 9.1330

Details

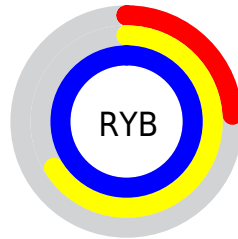
The Hex color **3DFFD9** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF3D63**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **89FFFF**, and **00C5A2** is the 20% darker color. If you saturate the color by 10%, you get **23FFD4**, and if you desaturate by 10%, it is **57FFDE**.

Distribution



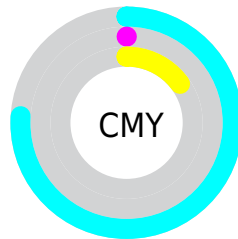
- Red (24%)
- Green (100%)
- Blue (85%)



- Red (24%)
- Yellow (66%)
- Blue (100%)



- Cyan (76%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (76%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DFFD9 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 3DFFD9 by changing the saturation by 10% instead.

 3DFFD9

 3DFFD9

FFFFFF

 00E2BD

 89FFFF

 00C5A2

 AAFFFF

 00A988

 CAFFFF

 008E6F

 EAFFFF

 007356

 00593F

 004029

 002A15

 000400

 3DFFD9

 3DFFD9

 23FFD4

 57FFDE

 0AFFCF

 70FFE3

 00FFCD

 8AFFE8

 A3FFED

 BDFFF2

 D6FFF7

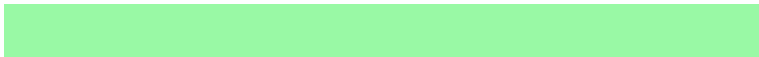
 F0FFFC

FFFFFF

Harmonies

Analogous

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



99F9A5



3DFFD9



00FFFF

Triad

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



3DFFD9



DBDAFF



FFCB8F

Complementary

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



3DFFD9



FF3D63

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.



FFBCBA



3DFFD9



FFC6FF

Square

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



3DFFD9



7BECFF



FFBAEF



FFDE79

Rectangle

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



3DFFD9



00FCFF



FFBAEF



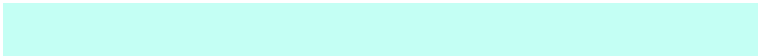
FFC59B

Sweetspot

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



3DFFD9



C4FFF4



64FF3D



5C8079



000000



808080

Same Dimension

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



3DFFD9



17FFD2



3DC5FF



73807D



00BF9A



004033

Inverse Universe

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



FF3D63



FF1744



FF773D



807375



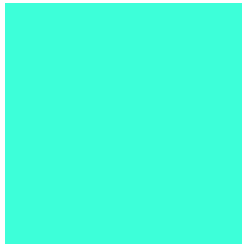
BF0025



40000C

Previews

White Background



This preview shows how the Hex color 3DFFD9 looks on a white background.

Color Contrast Check

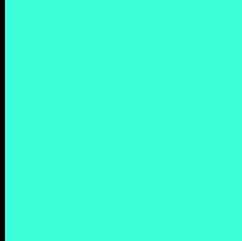
Large Text (above 18pt) WCAG AA × Fail

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 3DFFD9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

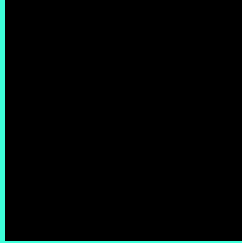
Any Text WCAG AA ✓ Pass

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 3DFFD9 Background



This preview shows how black text looks on a background with the Hex color 3DFFD9.

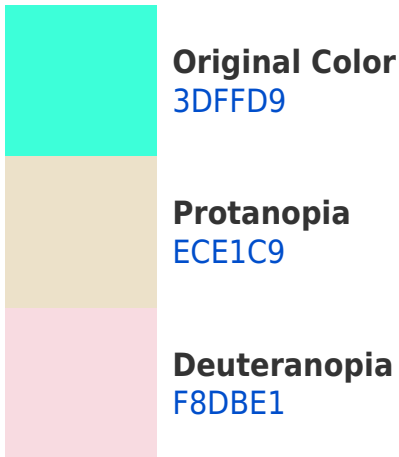


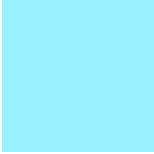
This preview shows how white text looks on a background with the Hex color 3DFFD9.

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](#).

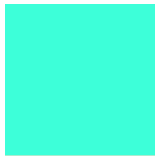
Dichromacy





Tritanopia
98F1FF

Trichromacy



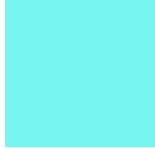
Original Color
3DFFD9



Protanomaly
ACECCF



Deuteranomaly
B4E8DE

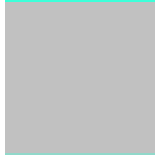


Tritanomaly
77F6F1

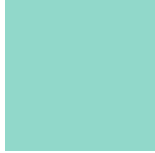
Monochromacy



Original Color
3DFFD9



Achromatopsia
C1C1C1



Achromatomaly
91D8CA

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DFFD9 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 #3DFFD9 looks like.

```
.text, #text, p{  
    color:#3DFFD9  
}
```

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 #3DFFD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DFFD9
}
```

Border

The CSS property to change the border of an element to Hex 3DFFD9 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
#3DFFD9 }
```

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

```
.border{ border-color:#3DFFD9 }
```

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

Here you see how a box with a 4 pixel #3DFFD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DFFD9; -webkit-box-shadow:4px 4px  
4px 4px #3DFFD9; box-shadow:4px 4px 4px  
4px #3DFFD9 }
```

Background

The CSS property to change the background color of an element to Hex 3DFFD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DFFD9 }
```

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

```
.background{ background-color:#3DFFD9 }
```

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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