

Converting Colors

Hex(3FFFD7)

Have a look what the booklet for
Hex(3FFFD7) contains.

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Color

Hex(3FFFD7)

Conversions

Conversions Part 1

Format	Color
Hex	3FFFD7
RGB	63, 255, 215
RGB Percent	25%, 100%, 84%
CMY	0.7529, 0.0000, 0.1569
CMYK	0.75, 0.00, 0.16, 0.00
HSL	168°, 100%, 62%
HSV	168°, 75%, 100%
XYZ	50.0756, 77.4831, 76.6064
YIQ	193.0320, -101.5920, -53.1440

Conversions

Conversions Part 2

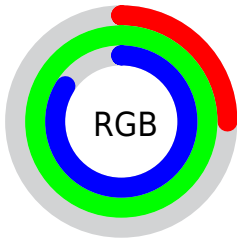
Format	Color
RYB	63, 170, 255
Decimal	4194263
CIELab	90.54, -55.41, 5.81
CIELCh	91, 55.713, 174.010
Yxy	77.4831, 0.2453, 0.3795
Android (android.graphics.Color)	4282384343 (0xFF3FFFD7)
YUV	193.0320, 10.8302, -114.0381
Hunter-Lab	88.0245, -52.4972, 10.0179

Details

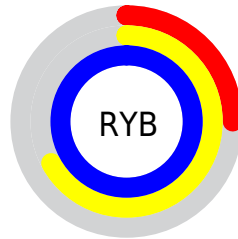
The Hex color **3FFFD7** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF3F67**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **8AFFFF**, and **00C5A0** is the 20% darker color. If you saturate the color by 10%, you get **25FFD2**, and if you desaturate by 10%, it is **59FFDC**.

Distribution



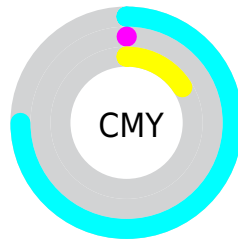
- Red (25%)
- Green (100%)
- Blue (84%)



- Red (25%)
- Yellow (67%)
- Blue (100%)



- Cyan (75%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (75%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FFFD7 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 3FFFD7 by changing the saturation by 10% instead.

 3FFFD7

FFFFFF

 8AFFFF

 ABFFFF

 CBFFFF

 EAFFFF

 3FFFD7

 00E2BB

 00C5A0

 00A986

 008E6D

 007355

 00593E

 004028

 002A13

 000400

 3FFFD7

 3FFFD7

 25FFD2

 59FFDC

 0CFFCC

 72FFE2

 00FFCA

 8CFFE7

 A5FFEC

 BFFFF2

 D8FFF7

 F2FFFC

FFFFFF

Harmonies

Analogous

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



9BF9A3



3FFFD7



00FFFF

Triad

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



3FFFD7



D9DAFF



FFCA8F

Complementary

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



3FFFD7



FF3F67

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.



FFBBBB



3FFFD7



FFC6FF

Square

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



3FFFD7



75EDFF



FFB9F1



FFDD78

Rectangle

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



3FFFD7



00FCFF



FFB9F1



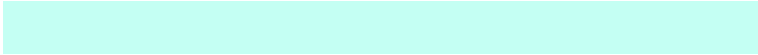
FFC49C

Sweetspot

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



3FFFD7



C4FFF3



69FF3F



5C8078



000000



808080

Same Dimension

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



3FFFD7



19FFCF



3FC9FF



73807D



00BF97



004032

Inverse Universe

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



FF3F67



FF1949



FF753F



807375



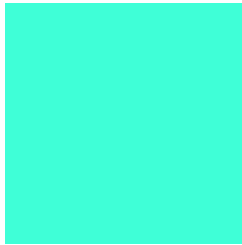
BF0028



40000D

Previews

White Background



This preview shows how the Hex color 3FFFD7 looks on a white background.

Color Contrast Check

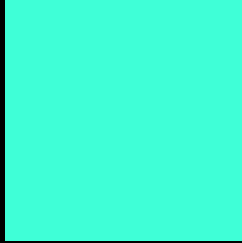
Large Text (above 18pt) WCAG AA × Fail

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 3FFFD7 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

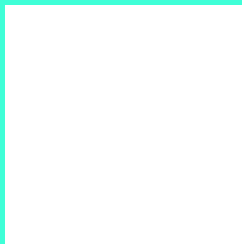
Any Text WCAG AAA ✓ Pass

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

Hex 3FFFD7 Background



This preview shows how black text looks on a background with the Hex color 3FFFD7.

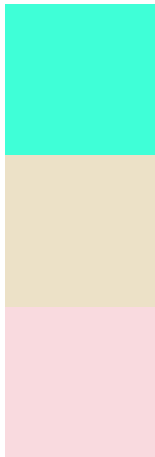


This preview shows how white text looks on a background with the Hex color 3FFFD7.

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](#).

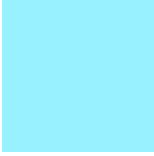
Dichromacy



Original Color
3FFFD7

Protanopia
ECE1C7

Deuteranopia
F9DADF

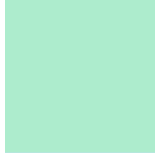


Tritanopia
98F1FF

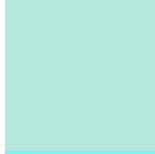
Trichromacy



Original Color
3FFFD7



Protanomaly
ADECDD



Deuteranomaly
B5E7DC

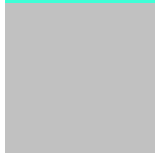


Tritanomaly
78F6F0

Monochromacy



Original Color
3FFFD7



Achromatopsia
C1C1C1



Achromatomaly
92D8C9

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FFFD7 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 #3FFFD7 looks like.

```
.text, #text, p{  
    color:#3FFFD7  
}
```

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 #3FFFD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FFFD7
}
```

Border

The CSS property to change the border of an element to Hex 3FFFD7 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
#3FFFD7 }
```

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

```
.border{ border-color:#3FFFD7 }
```

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

Here you see how a box with a 4 pixel #3FFFD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FFFD7; -webkit-box-shadow:4px 4px  
4px 4px #3FFFD7; box-shadow:4px 4px 4px  
4px #3FFFD7 }
```

Background

The CSS property to change the background color of an element to Hex 3FFFD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FFFD7 }
```

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

```
.background{ background-color:#3FFFD7 }
```

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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