

Converting Colors

Hex(7DFA87)

Have a look what the booklet for
Hex(7DFA87) contains.

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Color

Hex(7DFA87)

Conversions

Conversions Part 1

Format	Color
Hex	7DFA87
RGB	125, 250, 135
RGB Percent	49%, 98%, 53%
CMY	0.5098, 0.0196, 0.4706
CMYK	0.50, 0.00, 0.46, 0.02
HSL	125°, 93%, 74%
HSV	125°, 50%, 98%
XYZ	47.0162, 74.4805, 34.8198
YIQ	199.5150, -37.5850, -62.2650

Conversions

Conversions Part 2

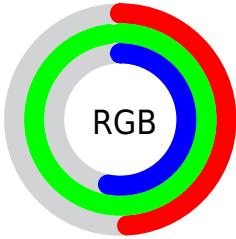
Format	Color
RYB	125, 241, 250
Decimal	8256135
CIELab	89.15, -57.80, 44.52
CIELCh	89, 72.956, 142.391
Yxy	74.4805, 0.3008, 0.4765
Android (android.graphics.Color)	4286446215 (0xFF7DFA87)
YUV	199.5150, -31.8059, -65.3497
Hunter-Lab	86.3021, -53.7842, 36.4900

Details

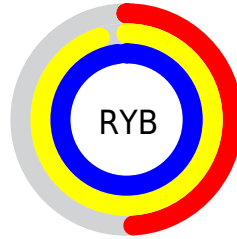
The Hex color **7DFA87** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FA7DF0**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **B8FFBE**, and **3EC053** is the 20% darker color. If you saturate the color by 10%, you get **64FA70**, and if you desaturate by 10%, it is **96FA9E**.

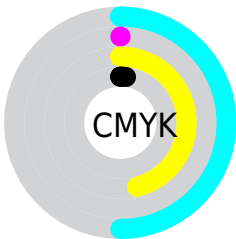
Distribution



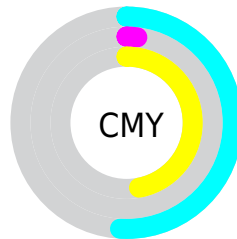
- Red (49%)
- Green (98%)
- Blue (53%)



- Red (49%)
- Yellow (95%)
- Blue (98%)



- Cyan (50%)
- Magenta (0%)
- Yellow (46%)
- Black (2%)



- Cyan (51%)
- Magenta (2%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DFA87 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 7DFA87 by changing the saturation by 10% instead.

 7DFA87

 7DFA87

FFFFFF

 5FDD6D

 B8FFBE

 3EC053

 D6FFDA

 0FA539

 F5FFF7

 008A1F

 006F00

 005500

 003D00

 002600

 000000

 7DFA87

 7DFA87

 64FA70

 96FA9E

 4BFA59

 AFFAB5

 32FA42

 C8FACC

 19FA2B

 E1FAE3

 00FA14

 FAFAFA

 FFFAFF

Harmonies

Analogous

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



D3EC56



7DFA87



00FFCB

Triad

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



7DFA87



00EDFF



FFA5AF

Complementary

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



7DFA87



FA7DF0

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.



FFA3F5



7DFA87



C4D5FF

Square

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



7DFA87



00FCFF



FFB8FF



FFB73

Rectangle

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



7DFA87



00FFFC



FFB8FF



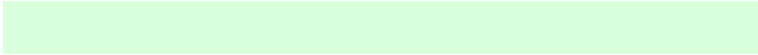
FFA2C6

Sweetspot

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



7DFA87



D9FFDC



F2FA7D



69806A



000000



808080

Same Dimension

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



7DFA87



66FF72



7DFAC4



707D71



00BD0F



003D05

Inverse Universe

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



FA7DF0



FF66F3



FA7DB3



7D707C



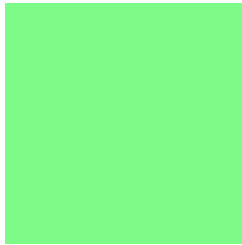
BD00AE



3D0038

Previews

White Background



This preview shows how the Hex color 7DFA87 looks on a white background.

Color Contrast Check

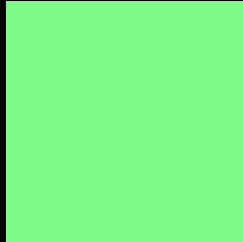
Large Text (above 18pt) WCAG AA × Fail

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 7DFA87 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

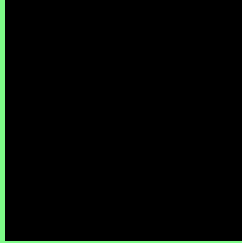
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

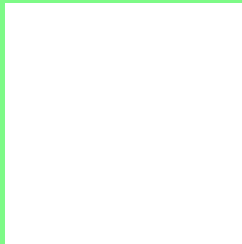
Any Text WCAG AAA ✓ Pass

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

Hex 7DFA87 Background



This preview shows how black text looks on a background with the Hex color 7DFA87.

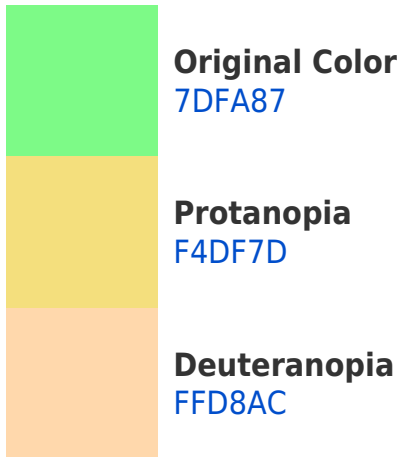


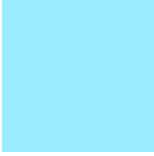
This preview shows how white text looks on a background with the Hex color 7DFA87.

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





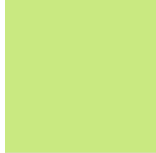
Tritanopia
99ECFF

Trichromacy



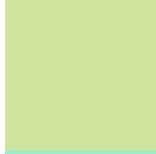
Original Color

7DFA87



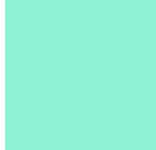
Protanomaly

C9E981



Deuteranomaly

D0E49F



Tritanomaly

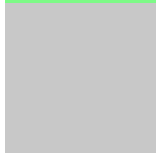
8FF1D3

Monochromacy



Original Color

7DFA87



Achromatopsia

C8C8C8



Achromatomaly

ADDAB0

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DFA87 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 #7DFA87 looks like.

```
.text, #text, p{  
    color:#7DFA87  
}
```

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 #7DFA87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DFA87
}
```

Border

The CSS property to change the border of an element to Hex 7DFA87 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
#7DFA87 }
```

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

```
.border{ border-color:#7DFA87 }
```

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

Here you see how a box with a 4 pixel #7DFA87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DFA87; -webkit-box-shadow:4px 4px  
4px 4px #7DFA87; box-shadow:4px 4px 4px  
4px #7DFA87 }
```

Background

The CSS property to change the background color of an element to Hex 7DFA87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DFA87 }
```

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

```
.background{ background-color:#7DFA87 }
```

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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