

Converting Colors

Hex(14F67B)

Have a look what the booklet for
Hex(14F67B) contains.

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Color

Hex(14F67B)

Conversions

Conversions Part 1

Format	Color
Hex	14F67B
RGB	20, 246, 123
RGB Percent	8%, 96%, 48%
CMY	0.9216, 0.0353, 0.5176
CMYK	0.92, 0.00, 0.50, 0.04
HSL	147°, 93%, 52%
HSV	147°, 92%, 96%
XYZ	36.8194, 67.4903, 29.8252
YIQ	164.4040, -95.2130, -86.1650

Conversions

Conversions Part 2

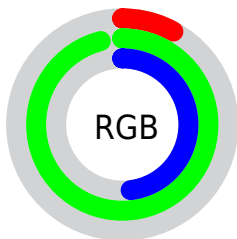
Format	Color
RYB	20, 175, 246
Decimal	1373819
CIELab	85.75, -74.09, 45.54
CIELCh	86, 86.972, 148.422
Yxy	67.4903, 0.2745, 0.5032
Android (android.graphics.Color)	4279563899 (0xFF14F67B)
YUV	164.4040, -20.4122, -126.6423
Hunter-Lab	82.1525, -63.7661, 35.9817

Details

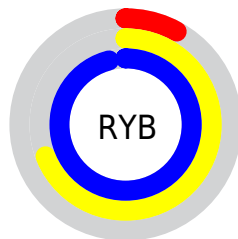
The Hex color **14F67B** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark washed spring green. A complement of this color would be **F6148F**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **75FFB1**, and **00BC47** is the 20% darker color. If you saturate the color by 10%, you get **00F670**, and if you desaturate by 10%, it is **2DF688**.

Distribution



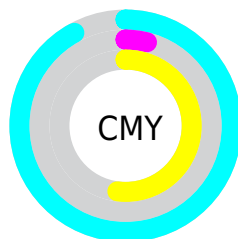
- Red (8%)
- Green (96%)
- Blue (48%)



- Red (8%)
- Yellow (69%)
- Blue (96%)



- Cyan (92%)
- Magenta (0%)
- Yellow (50%)
- Black (4%)



- Cyan (92%)
- Magenta (4%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14F67B 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 14F67B by changing the saturation by 10% instead.

 14F67B

 14F67B

FFFFFF

 00D961

 75FFB1

 00BC47

 97FFCE

 00A02D

 B7FFEA

 00840F

 D7FFFF

 006900

 F7FFFF

 004F00

 003700

 001C00

 000000

 14F67B

 14F67B

 00F670

 2DF688

 45F696

 5EF6A3

 76F6B1

 8FF6BE

 A8F6CB

 C0F6D9

 D9F6E6

 F1F6F3

Harmonies

Analogous

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



B1E82F



14F67B



00FCCF

Triad

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



14F67B



00E1FF



FF8F8D

Complementary

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



14F67B



F6148F

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.



FF83DE



14F67B



CCC2FF

Square

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



14F67B



00F4FF



FF9CFF



FFB045

Rectangle

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



14F67B



00FDFF



FF9CFF



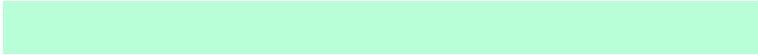
FF87A7

Sweetspot

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



14F67B



B8FFD8



90F614



548068



000000



808080

Same Dimension

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



14F67B



00FF74



14F6EB



6E7A74



00BA55



003B1B

Inverse Universe

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



F6148F



FF008B



F6141F



7A6E75



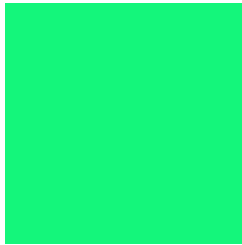
BA0065



3B0020

Previews

White Background



This preview shows how the Hex color 14F67B 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 14F67B 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

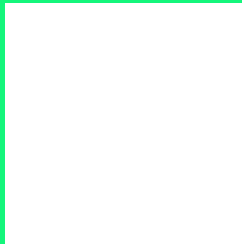
Any Text WCAG AAA ✓ Pass

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

Hex 14F67B Background



This preview shows how black text looks on a background with the Hex color 14F67B.

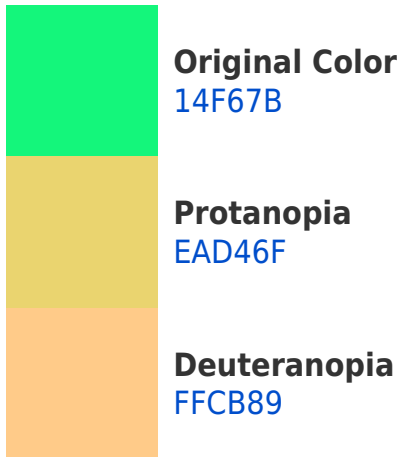


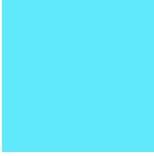
This preview shows how white text looks on a background with the Hex color 14F67B.

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](#).

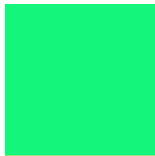
Dichromacy





Tritanopia
60E8FB

Trichromacy



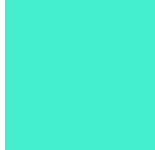
Original Color
14F67B



Protanomaly
9CE073



Deuteranomaly
AADB84



Tritanomaly
44EDCC

Monochromacy



Original Color
14F67B



Achromatopsia
A4A4A4



Achromatomaly
70C295

CSS Examples

Text

The CSS property to change the color of the text to Hex 14F67B 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 #14F67B looks like.

```
.text, #text, p{  
    color:#14F67B  
}
```

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 #14F67B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14F67B
}
```

Border

The CSS property to change the border of an element to Hex 14F67B 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
#14F67B }
```

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

```
.border{ border-color:#14F67B }
```

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

Here you see how a box with a 4 pixel #14F67B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14F67B; -webkit-box-shadow:4px 4px  
4px 4px #14F67B; box-shadow:4px 4px 4px  
4px #14F67B }
```

Background

The CSS property to change the background color of an element to Hex 14F67B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14F67B }
```

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

```
.background{ background-color:#14F67B }
```

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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