

Converting Colors

Hex(76F999)

Have a look what the booklet for
Hex(76F999) contains.

Hex(76F999)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(76F999)

Conversions

Conversions Part 1

Format	Color
Hex	76F999
RGB	118, 249, 153
RGB Percent	46%, 98%, 60%
CMY	0.5373, 0.0235, 0.4000
CMYK	0.53, 0.00, 0.39, 0.02
HSL	136°, 92%, 72%
HSV	136°, 53%, 98%
XYZ	47.0967, 73.9028, 41.9194
YIQ	198.8870, -47.2600, -57.6280

Conversions

Conversions Part 2

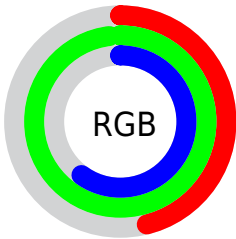
Format	Color
RYB	118, 221, 249
Decimal	7797145
CIELab	88.88, -56.40, 35.33
CIELCh	89, 66.546, 147.937
Yxy	73.9028, 0.2891, 0.4536
Android (android.graphics.Color)	4285987225 (0xFF76F999)
YUV	198.8870, -22.6223, -70.9379
Hunter-Lab	85.9668, -52.6510, 31.2655

Details

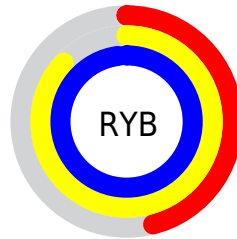
The Hex color **76F999** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **F976D6**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **B2FFD0**, and **35C065** is the 20% darker color. If you saturate the color by 10%, you get **5DF987**, and if you desaturate by 10%, it is **8FF9AB**.

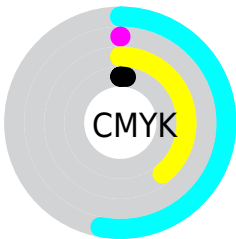
Distribution



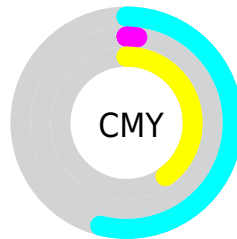
- Red (46%)
- Green (98%)
- Blue (60%)



- Red (46%)
- Yellow (87%)
- Blue (98%)



- Cyan (53%)
- Magenta (0%)
- Yellow (39%)
- Black (2%)



- Cyan (54%)
- Magenta (2%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76F999 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 76F999 by changing the saturation by 10% instead.

 76F999

 76F999

FFFFFF

 57DC7F

 B2FFD0

 35C065

 D0FFED

 00A44C

 EEEFFF

 008933

 006E1B

 005500

 003C00

 002500

 000000

 76F999

 76F999

 5DF987

 8FF9AB

 44F975

 A8F9BD

 2BF962

 C1F9D0

 12F950

 DAF9E2

 00F943

 F3F9F4

 FFF9FF

Harmonies

Analogous

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



C8ED69



76F999



00FFD9

Triad

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



76F999



4FE7FF



FFAE7

Complementary

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



76F999



F976D6

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.



FFA8E6



76F999



DBD0FF

Square

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



76F999



00F7FF



FFB7FF



FFC374

Rectangle

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



76F999



00FFFF



FFB7FF



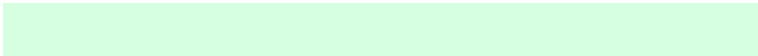
FFAABC

Sweetspot

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



76F999



D6FFE1



D6F976



67806E



000000



808080

Same Dimension

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



76F999



5EFF89



76F9DA



707D74



00BD32



003D10

Inverse Universe

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



F976D6



FF5ED4



F97695



7D707A



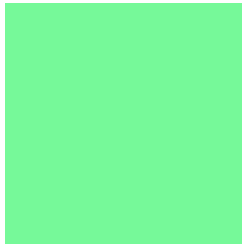
BD008A



3D002D

Previews

White Background



This preview shows how the Hex color 76F999 looks on a white background.

Color Contrast Check

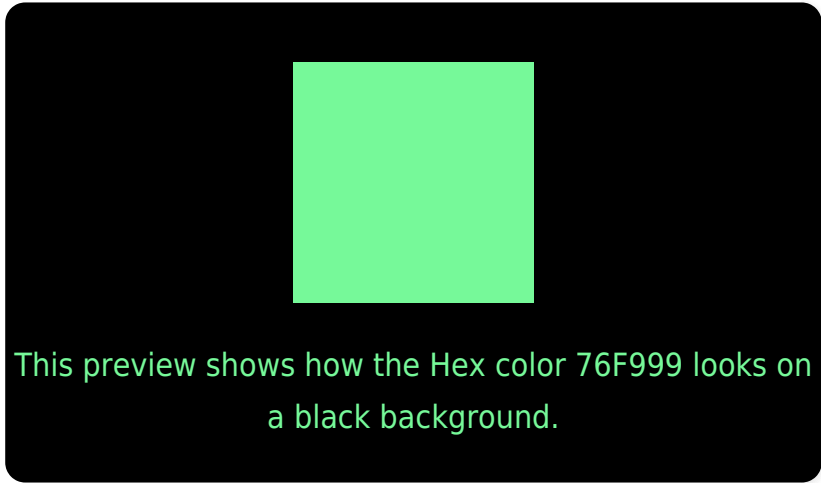
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 76F999 Background



This preview shows how black text looks on a background with the Hex color 76F999.

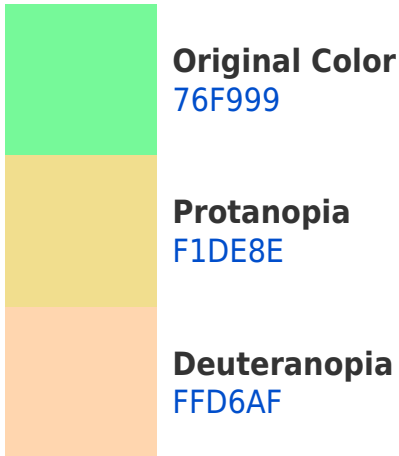


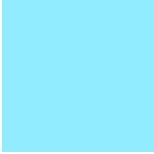
This preview shows how white text looks on a background with the Hex color 76F999.

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
92ECFF

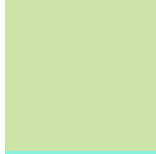
Trichromacy



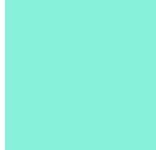
Original Color
76F999



Protanomaly
C4E892

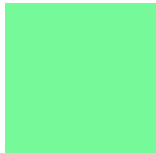


Deuteranomaly
CDE3A7

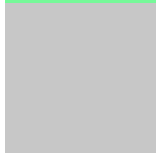


Tritanomaly
88F1DA

Monochromacy



Original Color
76F999



Achromatopsia
C7C7C7



Achromatomaly
AAD9B6

CSS Examples

Text

The CSS property to change the color of the text to Hex 76F999 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 #76F999 looks like.

```
.text, #text, p{  
    color:#76F999  
}
```

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 #76F999 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76F999
}
```

Border

The CSS property to change the border of an element to Hex 76F999 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
#76F999 }
```

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

```
.border{ border-color:#76F999 }
```

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

Here you see how a box with a 4 pixel #76F999 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76F999; -webkit-box-shadow:4px 4px  
4px 4px #76F999; box-shadow:4px 4px 4px  
4px #76F999 }
```

Background

The CSS property to change the background color of an element to Hex 76F999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76F999 }
```

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

```
.background{ background-color:#76F999 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor