

Converting Colors

Hex(76FA89)

Have a look what the booklet for
Hex(76FA89) contains.

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Color

Hex(76FA89)

Conversions

Conversions Part 1

Format	Color
Hex	76FA89
RGB	118, 250, 137
RGB Percent	46%, 98%, 54%
CMY	0.5373, 0.0196, 0.4627
CMYK	0.53, 0.00, 0.45, 0.02
HSL	129°, 93%, 72%
HSV	129°, 53%, 98%
XYZ	46.1722, 74.0289, 35.5224
YIQ	197.6500, -42.3990, -63.1270

Conversions

Conversions Part 2

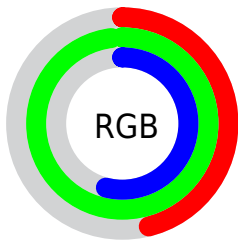
Format	Color
RYB	118, 233, 250
Decimal	7797385
CIELab	88.94, -59.26, 43.24
CIELCh	89, 73.358, 143.881
Yxy	74.0289, 0.2965, 0.4754
Android (android.graphics.Color)	4285987465 (0xFF76FA89)
YUV	197.6500, -29.9004, -69.8530
Hunter-Lab	86.0401, -54.7806, 35.7496

Details

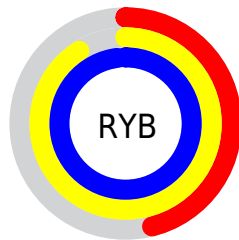
The Hex color **76FA89** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FA76E7**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **B2FFC0**, and **34C055** is the 20% darker color. If you saturate the color by 10%, you get **5DFA74**, and if you desaturate by 10%, it is **8FFA9E**.

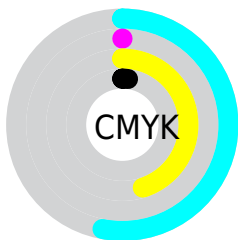
Distribution



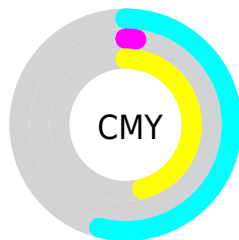
- Red (46%)
- Green (98%)
- Blue (54%)



- Red (46%)
- Yellow (91%)
- Blue (98%)



- Cyan (53%)
- Magenta (0%)
- Yellow (45%)
- Black (2%)



- Cyan (54%)
- Magenta (2%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76FA89 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 76FA89 by changing the saturation by 10% instead.

 76FA89

FFFFFF

 B2FFC0

 D0FFDC

 EEEFF9

 76FA89

 57DD6F

 34C055

 00A53B

 008921

 006F01

 005500

 003D00

 002500

 000000

 76FA89

 76FA89

 5DFA74

 8FFA9E

 44FA5E

 A8FAB4

 2BFA49

 C1FAC9

 12FA33

 DAFADF

 00FA24

 F3FAF4

 FFFAFF

Harmonies

Analogous

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



CFEC56



76FA89



00FFCE

Triad

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



76FA89



00EBFF



FFA5AB

Complementary

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



76FA89



FA76E7

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.



FFA2F1



76FA89



C9D3FF

Square

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



76FA89



00BFF



FFB6FF



FFBC6F

Rectangle

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



76FA89



00FFFF



FFB6FF



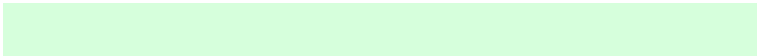
FFA1C2

Sweetspot

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



76FA89



D6FFDC



E8FA76



67806B



000000



808080

Same Dimension

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



76FA89



5EFF75



76FACA



707D72



00BD1B



003D09

Inverse Universe

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



FA76E7



FF5EE8



FA76A6



7D707B



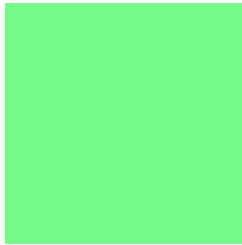
BD00A2



3D0034

Previews

White Background



This preview shows how the Hex color 76FA89 looks on a white background.

Color Contrast Check

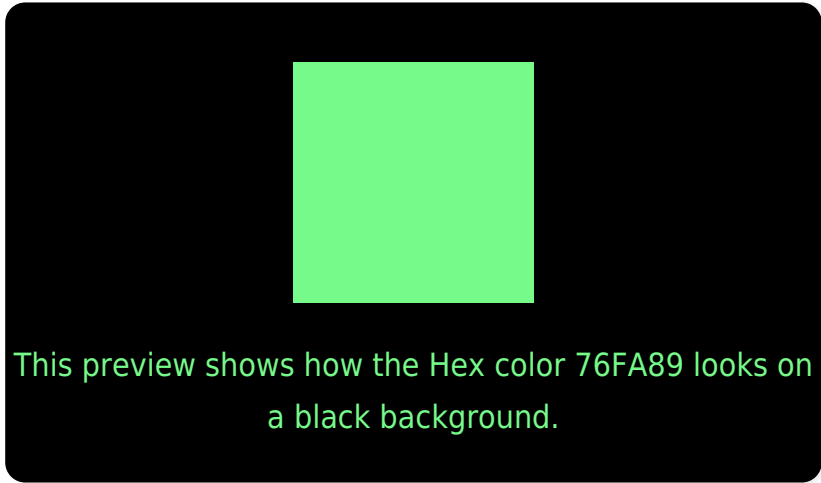
Large Text (above 18pt) WCAG AA × Fail

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 76FA89 Background



This preview shows how black text looks on a background with the Hex color 76FA89.

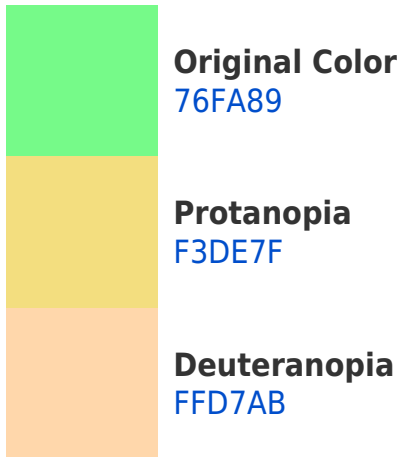


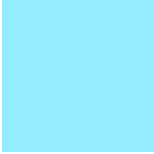
This preview shows how white text looks on a background with the Hex color 76FA89.

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](#).

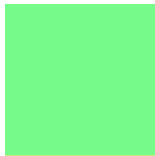
Dichromacy





Tritanopia
94ECFF

Trichromacy



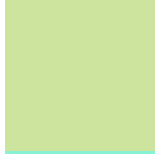
Original Color

76FA89



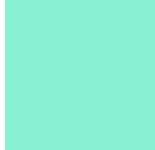
Protanomaly

C6E883



Deuteranomaly

CDE49F



Tritanomaly

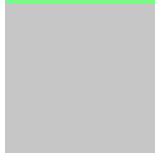
89F1D4

Monochromacy



Original Color

76FA89



Achromatopsia

C6C6C6



Achromatomaly

A9D9B0

CSS Examples

Text

The CSS property to change the color of the text to Hex 76FA89 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 #76FA89 looks like.

```
.text, #text, p{  
    color:#76FA89  
}
```

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 #76FA89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76FA89
}
```

Border

The CSS property to change the border of an element to Hex 76FA89 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
#76FA89 }
```

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

```
.border{ border-color:#76FA89 }
```

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

Here you see how a box with a 4 pixel #76FA89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76FA89; -webkit-box-shadow:4px 4px  
4px 4px #76FA89; box-shadow:4px 4px 4px  
4px #76FA89 }
```

Background

The CSS property to change the background color of an element to Hex 76FA89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76FA89 }
```

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

```
.background{ background-color:#76FA89 }
```

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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