

Converting Colors

Hex(76FFBB)

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

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Color

Hex(76FFBB)

Conversions

Conversions Part 1

Format	Color
Hex	76FFBB
RGB	118, 255, 187
RGB Percent	46%, 100%, 73%
CMY	0.5373, 0.0000, 0.2667
CMYK	0.54, 0.00, 0.27, 0.00
HSL	150°, 100%, 73%
HSV	150°, 54%, 100%
XYZ	52.2009, 78.9594, 59.5031
YIQ	206.2850, -59.8240, -50.1920

Conversions

Conversions Part 2

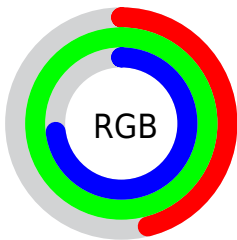
Format	Color
RYB	118, 209, 255
Decimal	7798715
CIELab	91.22, -52.67, 21.34
CIElCh	91, 56.832, 157.945
Yxy	78.9594, 0.2738, 0.4141
Android (android.graphics.Color)	4285988795 (0xFF76FFBB)
YUV	206.2850, -9.5075, -77.4259
Hunter-Lab	88.8591, -50.6425, 22.4987

Details

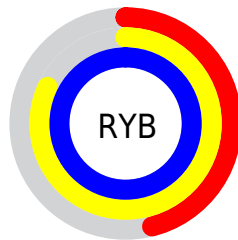
The Hex color **76FFBB** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF76BA**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **B2FFF3**, and **33C586** is the 20% darker color. If you saturate the color by 10%, you get **5DFFAE**, and if you desaturate by 10%, it is **90FFC8**.

Distribution



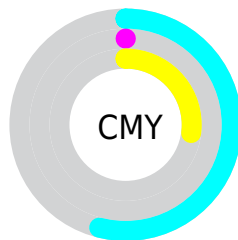
- Red (46%)
- Green (100%)
- Blue (73%)



- Red (46%)
- Yellow (82%)
- Blue (100%)



- Cyan (54%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (54%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

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

 76FFBB

FFFFFF

 B2FFF3

 D0FFFF

 EFFFFFFF

 76FFBB

 57E2A0

 33C586

 00A96C

 008E53

 00743C

 005A25

 004110

 002B00

 000800

 76FFBB

 76FFBB

 5DFFAE

 90FFC8

 43FFA2

 A9FFD4

 2AFF95

 C3FFE1

 10FF88

 DCFEE

 00FF80

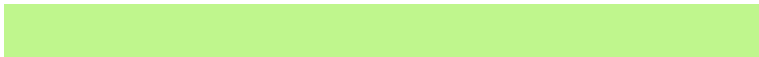
 F6FFFA

FFFFFF

Harmonies

Analogous

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



BFF68D



76FFBB



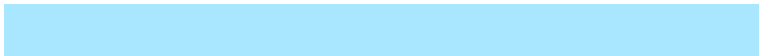
00FFF3

Triad

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



76FFBB



A8E7FF



FFC2A5

Complementary

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



76FFBB



FF76BA

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.



FFB9D9



76FFBB



FED2FF

Square

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



76FFBB



00F6FF



FFC0FF



FFD481

Rectangle

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



76FFBB



00FFFF



FFC0FF



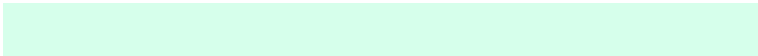
FFBEB6

Sweetspot

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



76FFBB



D6FFEB



BBFF76



678073



000000



808080

Same Dimension

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



76FFBB



5CFFAE



76FFFF



738079



00BF60



004020

Inverse Universe

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



FF76BA



FF5CAD



FF7676



807379



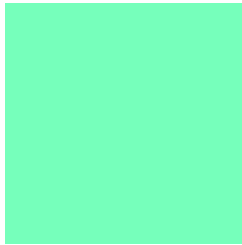
BF005F



400020

Previews

White Background



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

Color Contrast Check

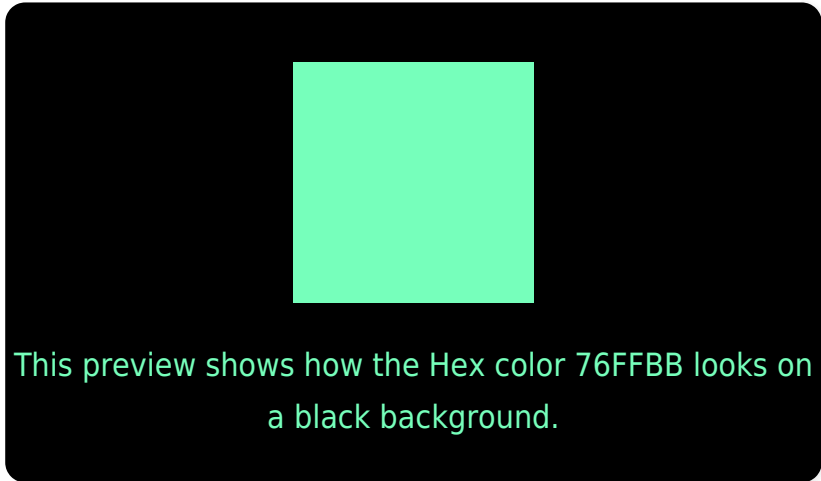
Large Text (above 18pt) WCAG AA × Fail

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 76FFBB Background



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

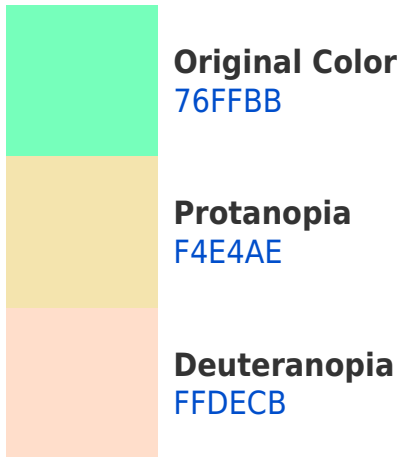


This preview shows how white text looks on a background with the Hex color 76FFBB.

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



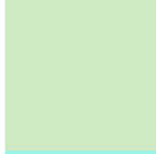
Trichromacy



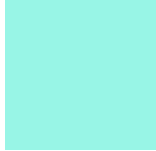
Original Color
76FFBB



Protanomaly
C6EEB3

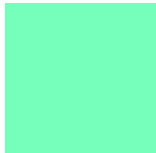


Deuteranomaly
CDEAC5

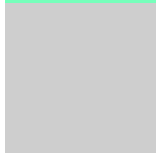


Tritanomaly
98F5E6

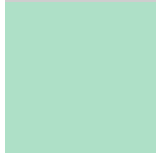
Monochromacy



Original Color
76FFBB



Achromatopsia
CECECE



Achromatomaly
AEE0C7

CSS Examples

Text

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

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

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 #76FFBB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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