

Converting Colors

Hex(76F5B2)

Have a look what the booklet for
Hex(76F5B2) contains.

Hex(76F5B2)	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(76F5B2)

Conversions

Conversions Part 1

Format	Color
Hex	76F5B2
RGB	118, 245, 178
RGB Percent	46%, 96%, 70%
CMY	0.5373, 0.0392, 0.3020
CMYK	0.52, 0.00, 0.27, 0.04
HSL	148°, 86%, 71%
HSV	148°, 52%, 96%
XYZ	48.1595, 72.3707, 53.5502
YIQ	199.3890, -54.1850, -47.7610

Conversions

Conversions Part 2

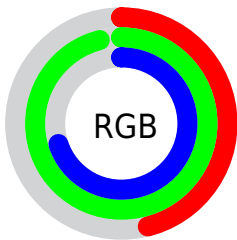
Format	Color
RYB	118, 204, 245
Decimal	7796146
CIELab	88.15, -50.30, 21.69
CIELCh	88, 54.775, 156.668
Yxy	72.3707, 0.2767, 0.4157
Android (android.graphics.Color)	4285986226 (0xFF76F5B2)
YUV	199.3890, -10.5448, -71.3782
Hunter-Lab	85.0710, -47.8236, 22.2280

Details

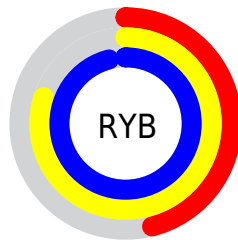
The Hex color **76F5B2** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F576B9**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **B1FFEA**, and **36BC7D** is the 20% darker color. If you saturate the color by 10%, you get **5EF5A5**, and if you desaturate by 10%, it is **8FF5BF**.

Distribution



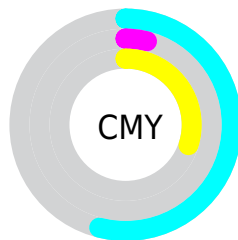
- Red (46%)
- Green (96%)
- Blue (70%)



- Red (46%)
- Yellow (80%)
- Blue (96%)



- Cyan (52%)
- Magenta (0%)
- Yellow (27%)
- Black (4%)



- Cyan (54%)
- Magenta (4%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76F5B2 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 76F5B2 by changing the saturation by 10% instead.

 76F5B2

 76F5B2

FFFFFF

 58D897

 B1FFEA

 36BC7D

 CFFFFFF

 00A064

 EDFFFF

 00854C

 006B34

 00521E

 003907

 002300

 000000

 76F5B2

 76F5B2

 5EF5A5

 8FF5BF

 45F598

 A7F5CC

 2CF58B

 C0F5D9

 14F57E

 D8F5E6

 00F574

 F1F5F3

 FFF5FF

Harmonies

Analogous

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



BBEC87



76F5B2



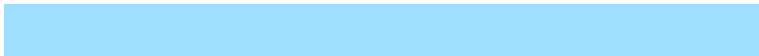
00F8E7

Triad

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



76F5B2



9EDFFF



FFBAA1

Complementary

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



76F5B2



F576B9

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.



FFB2D3



76F5B2



F1CBFF

Square

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



76F5B2



00EEFF



FFB9FF



FFCC7E

Rectangle

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



76F5B2



00F7FF



FFB9FF



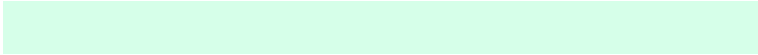
FFB6B1

Sweetspot

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



76F5B2



D6FFE9



BAF576



678073



000000



808080

Same Dimension

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



76F5B2



61FFAC



76F5F1



6E7A74



00BA58



003B1C

Inverse Universe

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



F576B9



FF61B4



F5767A



7A6E75



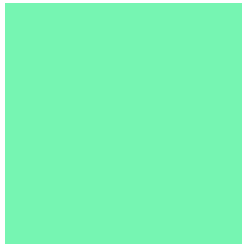
BA0062



3B001F

Previews

White Background



This preview shows how the Hex color 76F5B2 looks on a white background.

Color Contrast Check

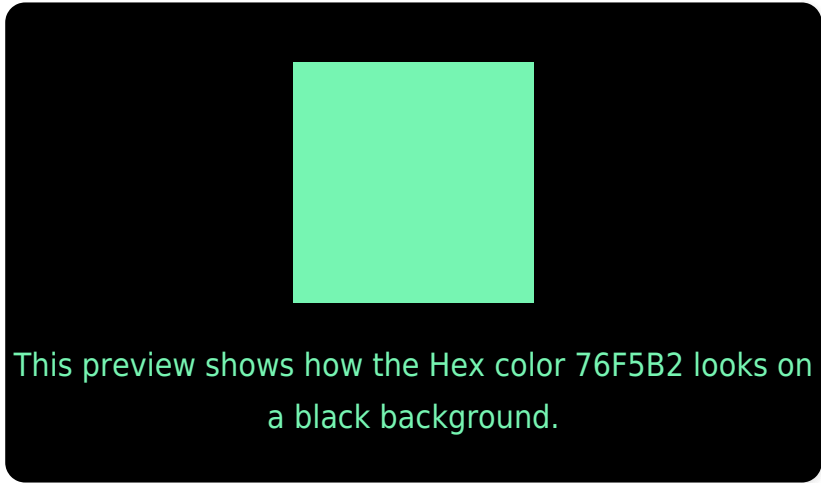
Large Text (above 18pt) WCAG AA × Fail

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

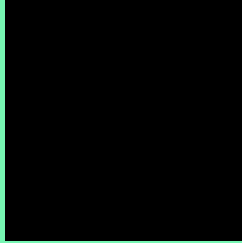
Any Text WCAG AA ✓ Pass

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 76F5B2 Background



This preview shows how black text looks on a background with the Hex color 76F5B2.

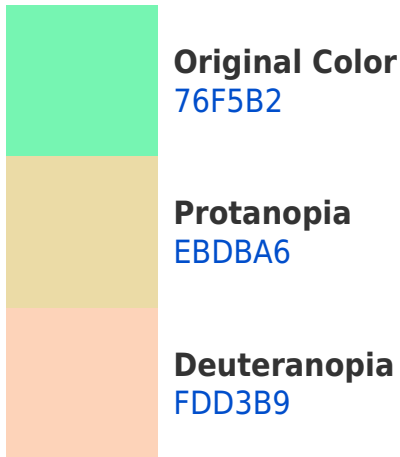


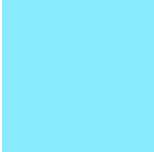
This preview shows how white text looks on a background with the Hex color 76F5B2.

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
8BEBFE

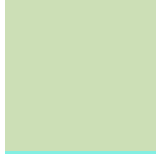
Trichromacy



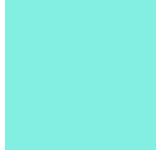
Original Color
76F5B2



Protanomaly
C0E4AA

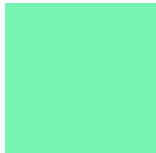


Deuteranomaly
CCDFB6

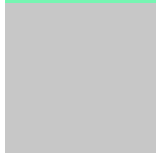


Tritanomaly
83EFE2

Monochromacy



Original Color
76F5B2



Achromatopsia
C7C7C7



Achromatomaly
AAD8BF

CSS Examples

Text

The CSS property to change the color of the text to Hex 76F5B2 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 #76F5B2 looks like.

```
.text, #text, p{  
    color:#76F5B2  
}
```

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 #76F5B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76F5B2
}
```

Border

The CSS property to change the border of an element to Hex 76F5B2 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
#76F5B2 }
```

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

```
.border{ border-color:#76F5B2 }
```

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

Here you see how a box with a 4 pixel #76F5B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76F5B2; -webkit-box-shadow:4px 4px  
4px 4px #76F5B2; box-shadow:4px 4px 4px  
4px #76F5B2 }
```

Background

The CSS property to change the background color of an element to Hex 76F5B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76F5B2 }
```

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

```
.background{ background-color:#76F5B2 }
```

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