

Converting Colors

Hex(76F5C6)

Have a look what the booklet for
Hex(76F5C6) contains.

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Color

Hex(76F5C6)

Conversions

Conversions Part 1

Format	Color
Hex	76F5C6
RGB	118, 245, 198
RGB Percent	46%, 96%, 78%
CMY	0.5373, 0.0392, 0.2235
CMYK	0.52, 0.00, 0.19, 0.04
HSL	158°, 86%, 71%
HSV	158°, 52%, 96%
XYZ	50.3167, 73.2336, 64.9096
YIQ	201.6690, -60.6050, -41.5410

Conversions

Conversions Part 2

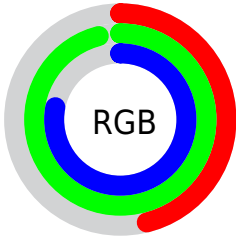
Format	Color
RYB	118, 196, 245
Decimal	7796166
CIELab	88.56, -46.21, 11.95
CIElCh	89, 47.728, 165.500
Yxy	73.2336, 0.2670, 0.3886
Android (android.graphics.Color)	4285986246 (0xFF76F5C6)
YUV	201.6690, -1.8088, -73.3777
Hunter-Lab	85.5766, -44.8061, 14.9323

Details

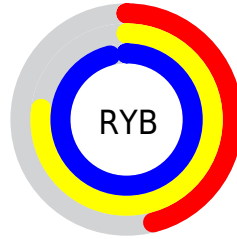
The Hex color **76F5C6** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F576A5**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **B1FFFF**, and **36BC90** is the 20% darker color. If you saturate the color by 10%, you get **5EF5BD**, and if you desaturate by 10%, it is **8FF5CF**.

Distribution



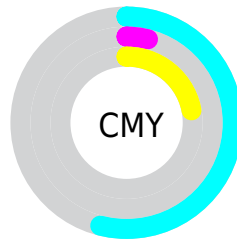
- Red (46%)
- Green (96%)
- Blue (78%)



- Red (46%)
- Yellow (77%)
- Blue (96%)



- Cyan (52%)
- Magenta (0%)
- Yellow (19%)
- Black (4%)



- Cyan (54%)
- Magenta (4%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76F5C6 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 76F5C6 by changing the saturation by 10% instead.

 76F5C6

 76F5C6

FFFFFF

 57D8AB

 B1FFFF

 36BC90

 CFFFFFF

 00A076

 EDFFFF

 00865E

 006C46

 005230

 003A1A

 002400

 000000

 76F5C6

 76F5C6

 5EF5BD

 8FF5CF

 45F5B4

 A7F5D8

 2CF5AB

 C0F5E1

 14F5A2

 D8F5EA

 00F59A

 F1F5F3

 FFF5FC

 FFF5FF

Harmonies

Analogous

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



B1EE9D



76F5C6



26F7F5

Triad

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



76F5C6



C2DBFF



FFC59F

Complementary

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



76F5C6



F576A5

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.



FFBBC8



76F5C6



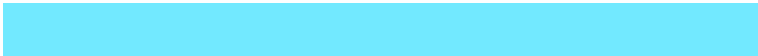
FFCAFF

Square

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



76F5C6



72E9FF



FFBDF6



FFD486

Rectangle

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



76F5C6



00F5FF



FFBDF6



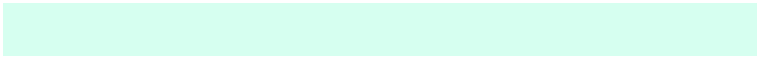
FFC0AC

Sweetspot

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



76F5C6



D6FFF0



A7F576



678077



000000



808080

Same Dimension

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



76F5C6



61FFC4



76E6F5



6E7A76



00BA75



003B25

Inverse Universe

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



F576A5



FF619B



F58576



7A6E73



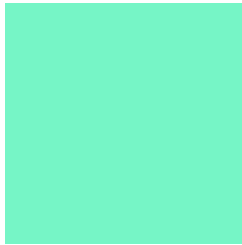
BA0045



3B0016

Previews

White Background



This preview shows how the Hex color 76F5C6 looks on a white background.

Color Contrast Check

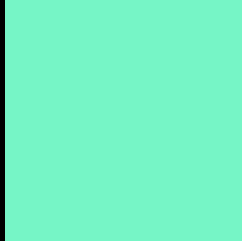
Large Text (above 18pt) WCAG AA × Fail

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 76F5C6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

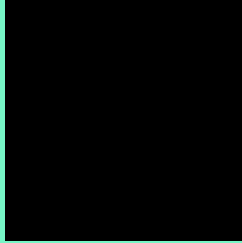
Any Text WCAG AA ✓ Pass

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 76F5C6 Background



This preview shows how black text looks on a background with the Hex color 76F5C6.

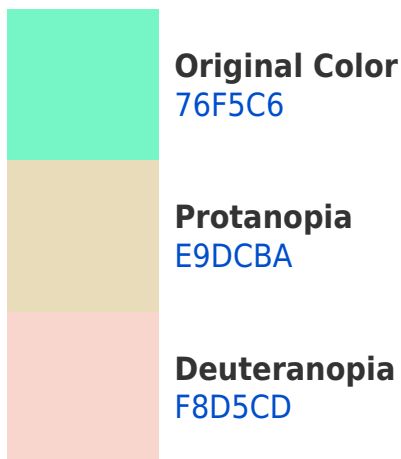


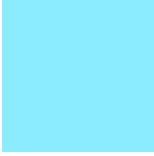
This preview shows how white text looks on a background with the Hex color 76F5C6.

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



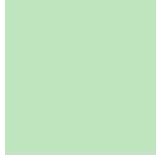


Tritanopia
8BECFF

Trichromacy



Original Color
76F5C6



Protanomaly
BFE5BE



Deuteranomaly
C9E1CA

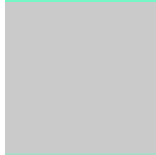


Tritanomaly
83EFEA

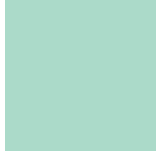
Monochromacy



Original Color
76F5C6



Achromatopsia
CACACA



Achromatomaly
ABDAC9

CSS Examples

Text

The CSS property to change the color of the text to Hex 76F5C6 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 #76F5C6 looks like.

```
.text, #text, p{  
    color:#76F5C6  
}
```

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 #76F5C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76F5C6
}
```

Border

The CSS property to change the border of an element to Hex 76F5C6 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
#76F5C6 }
```

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

```
.border{ border-color:#76F5C6 }
```

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

Here you see how a box with a 4 pixel #76F5C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76F5C6; -webkit-box-shadow:4px 4px  
4px 4px #76F5C6; box-shadow:4px 4px 4px  
4px #76F5C6 }
```

Background

The CSS property to change the background color of an element to Hex 76F5C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76F5C6 }
```

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

```
.background{ background-color:#76F5C6 }
```

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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