

Converting Colors

Hex(76FDDB)

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

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Color

Hex(76FDDB)

Conversions

Conversions Part 1

Format	Color
Hex	76FDDB
RGB	118, 253, 219
RGB Percent	46%, 99%, 86%
CMY	0.5373, 0.0078, 0.1412
CMYK	0.53, 0.00, 0.13, 0.01
HSL	165°, 97%, 73%
HSV	165°, 53%, 99%
XYZ	55.3827, 79.2166, 79.3892
YIQ	208.7590, -69.5460, -39.1940

Conversions

Conversions Part 2

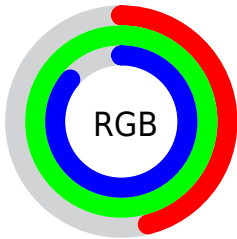
Format	Color
R _{YB}	118, 195, 253
Decimal	7798235
CIE Lab	91.33, -45.02, 5.05
CIE LCh	91, 45.300, 173.605
Yxy	79.2166, 0.2588, 0.3702
Android (android.graphics.Color)	4285988315 (0xFF76FDDB)
YUV	208.7590, 5.0488, -79.5956
Hunter-Lab	89.0037, -44.6846, 9.4173

Details

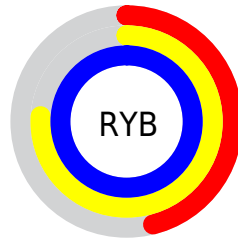
The Hex color **76FDDB** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FD7698**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **B3FFFF**, and **32C4A4** is the 20% darker color. If you saturate the color by 10%, you get **5DFDD5**, and if you desaturate by 10%, it is **8FFDE1**.

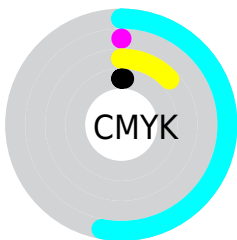
Distribution



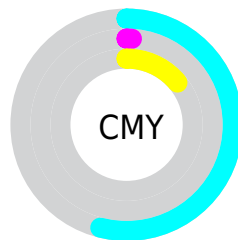
- Red (46%)
- Green (99%)
- Blue (86%)



- Red (46%)
- Yellow (76%)
- Blue (99%)



- Cyan (53%)
- Magenta (0%)
- Yellow (13%)
- Black (1%)



- Cyan (54%)
- Magenta (1%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 76FDDB

 76FDDB

FFFFFF

 56E0BF

 B3FFFF

 32C4A4

 D1FFFF

 00A88A

 EFFFFFF

 008D70

 007358

 005941

 00412B

 002B16

 000900

 76FDDB

 76FDDB

 5DFDD5

 8FFDE1

 43FDCE

 A9FDE8

 2AFDC8

 C2FDEE

 11FDC2

 DBFDF4

 00FDBD

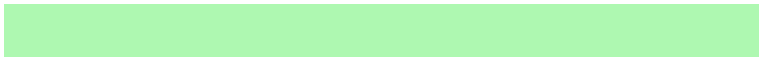
 F5FDFB

 FFFDFF

Harmonies

Analogous

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



AEF8B1



76FDDB



41FDFF

Triad

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



76FDD8



DEDEF



FFD1A2

Complementary

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



76FDD8



FD7698

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.



FFC7C6



76FDD8



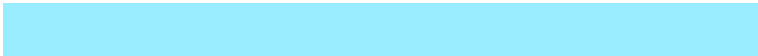
FFCFFF

Square

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



76FDDB



99EDFF



FFC5F1



FFE090

Rectangle

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



76FDDB



41FAFF



FFC5F1



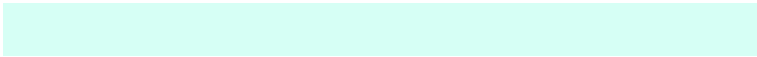
FFCDAC

Sweetspot

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



76FDDB



D6FFF5



9AFD76



678079



000000



808080

Same Dimension

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



76FDDB



5CFFD6



76DDFD



73807C



00BF8F



004030

Inverse Universe

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



FD7698



FF5C85



FD9676



807376



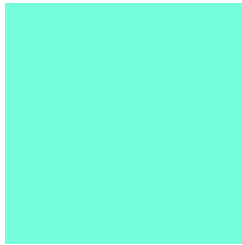
BF0030



400010

Previews

White Background



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

Color Contrast Check

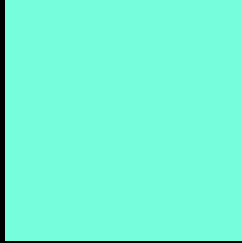
Large Text (above 18pt) WCAG AA × Fail

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 76FDDB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

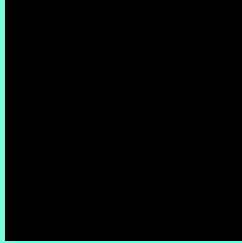
Any Text WCAG AA ✓ Pass

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 76FDDB Background



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

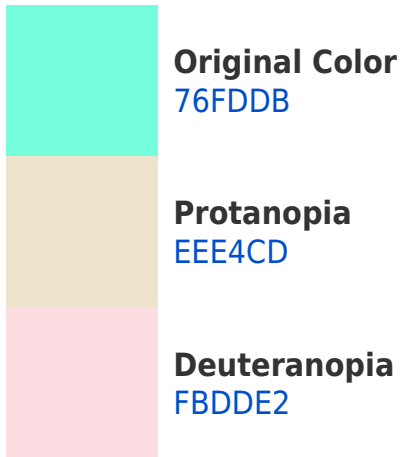


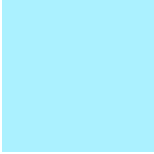
This preview shows how white text looks on a background with the Hex color 76FDDB.

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



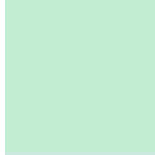


Tritanopia
ABF1FF

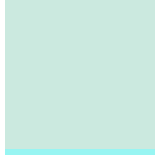
Trichromacy



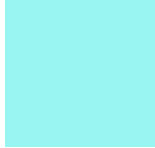
Original Color
76FDDB



Protanomaly
C2EDD2



Deuteranomaly
CBE9DF

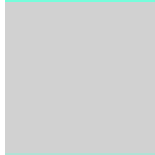


Tritanomaly
98F5F2

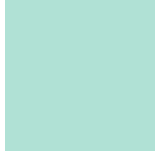
Monochromacy



Original Color
76FDDB



Achromatopsia
D1D1D1



Achromatomaly
B0E1D5

CSS Examples

Text

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

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

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 #76FDDB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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