

Converting Colors

Hex(74F4DB)

Have a look what the booklet for
Hex(74F4DB) contains.

Hex(74F4DB)	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(74F4DB)

Conversions

Conversions Part 1

Format	Color
Hex	74F4DB
RGB	116, 244, 219
RGB Percent	45%, 96%, 86%
CMY	0.5451, 0.0431, 0.1412
CMYK	0.52, 0.00, 0.10, 0.04
HSL	168°, 85%, 71%
HSV	168°, 52%, 96%
XYZ	52.3393, 73.5288, 78.4517
YIQ	202.8780, -68.2630, -34.9110

Conversions

Conversions Part 2

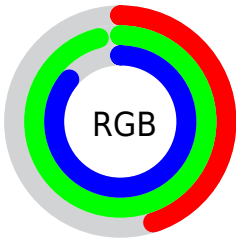
Format	Color
R_{YB}	116, 187, 244
Decimal	7664859
CIE _{Lab}	88.70, -41.46, 1.22
CIE _{LCh}	89, 41.482, 178.318
Yxy	73.5288, 0.2562, 0.3599
Android (android.graphics.Color)	4285854939 (0xFF74F4DB)
YUV	202.8780, 7.9481, -76.1920
Hunter-Lab	85.7490, -41.1081, 5.7798

Details

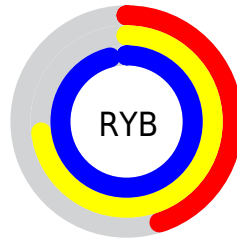
The Hex color **74F4DB** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F4748D**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **B0FFFF**, and **31BBA4** is the 20% darker color. If you saturate the color by 10%, you get **5CF4D6**, and if you desaturate by 10%, it is **8CF4E0**.

Distribution



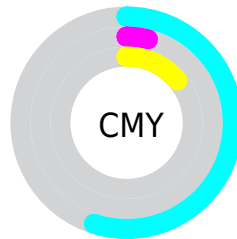
- Red (45%)
- Green (96%)
- Blue (86%)



- Red (45%)
- Yellow (73%)
- Blue (96%)



- Cyan (52%)
- Magenta (0%)
- Yellow (10%)
- Black (4%)



- Cyan (55%)
- Magenta (4%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74F4DB 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 74F4DB by changing the saturation by 10% instead.

 74F4DB

 74F4DB

FFFFFF

 55D7BF

 B0FFFF

 31BBA4

 CEFFFF

 00A08A

 ECFFFF

 008570

 006B58

 005241

 003A2B

 002516

 000000

 74F4DB

 74F4DB

 5CF4D6

 8CF4E0

 43F4D1

 A5F4E5

 2BF4CD

 BDF4E9

 12F4C8

 D6F4EE

 00F4C4

 EE4F3

 FFF4F8

 FFF4FC

 FFF4FF

Harmonies

Analogous

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



A4F0B4



74F4DB



52F3FF

Triad

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



74F4DB



E1D5FF



FFCE9D

Complementary

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



74F4DB



F4748D

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.



FFC3BB



74F4DB



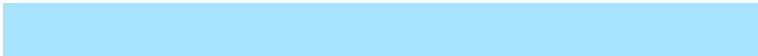
FFC8FF

Square

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



74F4DB



A5E3FF



FFC1E2



FCDB8F

Rectangle

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



74F4DB



5AF0FF



FFC1E2



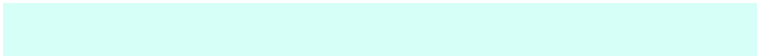
FFCAA5

Sweetspot

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



74F4DB



D6FFF7



8EF474



67807B



000000



808080

Same Dimension

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



74F4DB



5EFFE0



74CEF4



6E7A78



00BA96



003B2F

Inverse Universe

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



F4748D



FF5E7E



F49A74



7A6E71



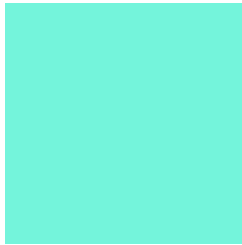
BA0024



3B000B

Previews

White Background



This preview shows how the Hex color 74F4DB looks on a white background.

Color Contrast Check

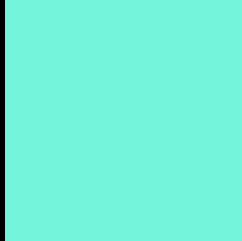
Large Text (above 18pt) WCAG AA × Fail

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 74F4DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

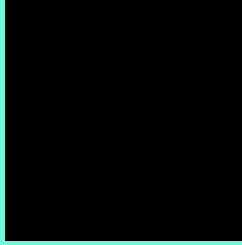
Any Text WCAG AA ✓ Pass

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 74F4DB Background



This preview shows how black text looks on a background with the Hex color 74F4DB.

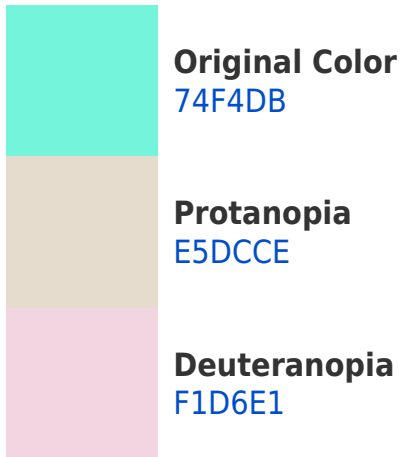


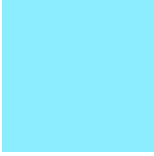
This preview shows how white text looks on a background with the Hex color 74F4DB.

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
8BEDFF

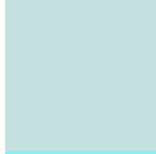
Trichromacy



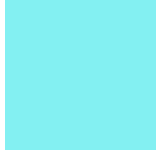
Original Color
74F4DB



Protanomaly
BCE5D3

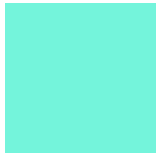


Deuteranomaly
C4E1DF

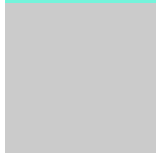


Tritanomaly
83F0F2

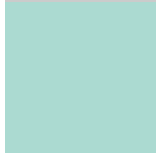
Monochromacy



Original Color
74F4DB



Achromatopsia
CBCBCB



Achromatomaly
ABDAD1

CSS Examples

Text

The CSS property to change the color of the text to Hex 74F4DB 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 #74F4DB looks like.

```
.text, #text, p{  
    color:#74F4DB  
}
```

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 #74F4DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74F4DB  
}
```

Border

The CSS property to change the border of an element to Hex 74F4DB 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  
#74F4DB }
```

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

```
.border{ border-color:#74F4DB }
```

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

Here you see how a box with a 4 pixel #74F4DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74F4DB; -webkit-box-shadow:4px 4px  
4px 4px #74F4DB; box-shadow:4px 4px 4px  
4px #74F4DB }
```

Background

The CSS property to change the background color of an element to Hex 74F4DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74F4DB }
```

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

```
.background{ background-color:#74F4DB }
```

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