

Converting Colors

Hex(78F2DD)

Have a look what the booklet for
Hex(78F2DD) contains.

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Color

Hex(78F2DD)

Conversions

Conversions Part 1

Format	Color
Hex	78F2DD
RGB	120, 242, 221
RGB Percent	47%, 95%, 87%
CMY	0.5294, 0.0510, 0.1333
CMYK	0.50, 0.00, 0.09, 0.05
HSL	170°, 82%, 71%
HSV	170°, 50%, 95%
XYZ	52.5490, 72.7178, 79.6729
YIQ	203.1280, -65.9710, -32.3950

Conversions

Conversions Part 2

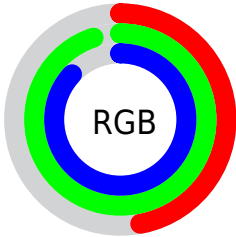
Format	Color
R _Y B	120, 187, 242
Decimal	7926493
CIE Lab	88.31, -39.25, -0.37
CIE LCh	88, 39.254, 180.547
Yxy	72.7178, 0.2564, 0.3548
Android (android.graphics.Color)	4286116573 (0xFF78F2DD)
YUV	203.1280, 8.8109, -72.9033
Hunter-Lab	85.2747, -39.2334, 4.2971

Details

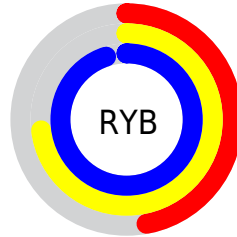
The Hex color **78F2DD** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F2788D**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **B4FFFF**, and **38B9A6** is the 20% darker color. If you saturate the color by 10%, you get **60F2D9**, and if you desaturate by 10%, it is **90F2E1**.

Distribution



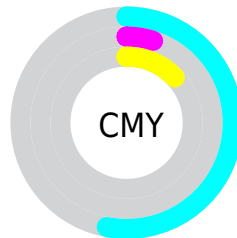
- Red (47%)
- Green (95%)
- Blue (87%)



- Red (47%)
- Yellow (73%)
- Blue (95%)



- Cyan (50%)
- Magenta (0%)
- Yellow (9%)
- Black (5%)



- Cyan (53%)
- Magenta (5%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78F2DD 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 78F2DD by changing the saturation by 10% instead.

 78F2DD

 78F2DD

FFFFFF

 59D5C1

 B4FFFF

 38B9A6

 D1FFFF

 009E8C

 F0FFFF

 008372

 006A5A

 005142

 00392C

 002418

 000000

 78F2DD

 78F2DD

 60F2D9

 90F2E1

 48F2D5

 A8F2E5

 2FF2D1

 C1F2E9

 17F2CC

 D9F2EE

 00F2C8

 F1F2F2

 FFF2F6

 FFF2FA

 FFF2FE

 FFF2FF

Harmonies

Analogous

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



A3EFB8



78F2DD



5EF1FF

Triad

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



78F2DD



E3D4FF



FFCF9E

Complementary

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



78F2DD



F2788D

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.



FFC4B9



78F2DD



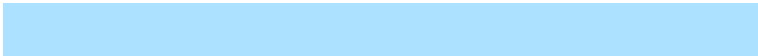
FFC8FF

Square

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



78F2DD



ACE1FF



FFC1DE



F7DB93

Rectangle

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



78F2DD



68EEFF



FFC1DE



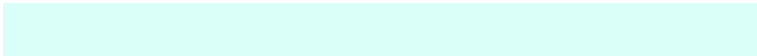
FFCBA5

Sweetspot

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



78F2DD



D9FFF8



8EF278



69807C



000000



808080

Same Dimension

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



78F2DD



66FFE5



78CBF2



6C7876



00B898



00382E

Inverse Universe

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



F2788D



FF6680



F29F78



786C6E



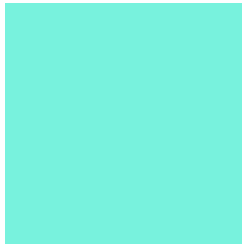
B80020



38000A

Previews

White Background



This preview shows how the Hex color 78F2DD looks on a white background.

Color Contrast Check

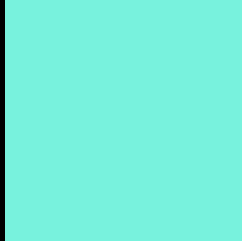
Large Text (above 18pt) WCAG AA × Fail

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 78F2DD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

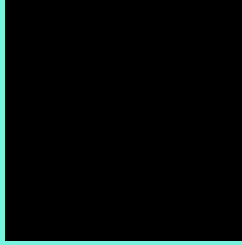
Any Text WCAG AA ✓ Pass

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 78F2DD Background



This preview shows how black text looks on a background with the Hex color 78F2DD.

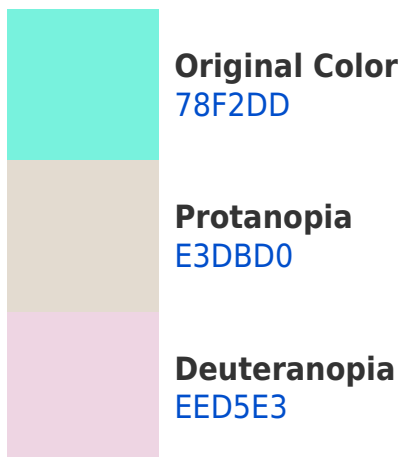


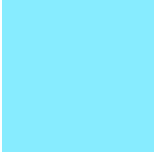
This preview shows how white text looks on a background with the Hex color 78F2DD.

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
87ECFF

Trichromacy



Original Color
78F2DD



Protanomaly
BCE3D5



Deuteranomaly
C3E0E1

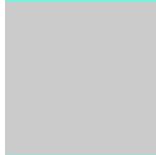


Tritanomaly
82EEF3

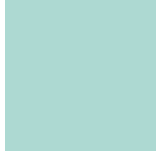
Monochromacy



Original Color
78F2DD



Achromatopsia
CBCBCB



Achromatomaly
ADD9D2

CSS Examples

Text

The CSS property to change the color of the text to Hex 78F2DD 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 #78F2DD looks like.

```
.text, #text, p{  
    color:#78F2DD  
}
```

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 #78F2DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78F2DD
}
```

Border

The CSS property to change the border of an element to Hex 78F2DD 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
#78F2DD }
```

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

```
.border{ border-color:#78F2DD }
```

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

Here you see how a box with a 4 pixel #78F2DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78F2DD; -webkit-box-shadow:4px 4px  
4px 4px #78F2DD; box-shadow:4px 4px 4px  
4px #78F2DD }
```

Background

The CSS property to change the background color of an element to Hex 78F2DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78F2DD }
```

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

```
.background{ background-color:#78F2DD }
```

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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