

Converting Colors

Hex(7FF4E2)

Have a look what the booklet for
Hex(7FF4E2) contains.

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Color

Hex(7FF4E2)

Conversions

Conversions Part 1

Format	Color
Hex	7FF4E2
RGB	127, 244, 226
RGB Percent	50%, 96%, 89%
CMY	0.5020, 0.0431, 0.1137
CMYK	0.48, 0.00, 0.07, 0.04
HSL	171°, 84%, 73%
HSV	171°, 48%, 96%
XYZ	54.8305, 74.7044, 83.4810
YIQ	206.9650, -63.9540, -30.4020

Conversions

Conversions Part 2

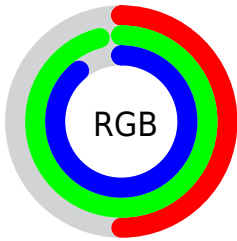
Format	Color
R_{YB}	127, 190, 244
Decimal	8385762
CIE _{Lab}	89.25, -37.45, -1.58
CIE _{LCh}	89, 37.488, 182.413
Yxy	74.7044, 0.2574, 0.3507
Android (android.graphics.Color)	4286575842 (0xFF7FF4E2)
YUV	206.9650, 9.3843, -70.1293
Hunter-Lab	86.4317, -38.0186, 3.2363

Details

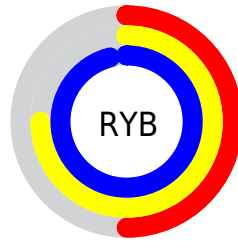
The Hex color **7FF4E2** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F47F91**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **BAFFFF**, and **41BBAB** is the 20% darker color. If you saturate the color by 10%, you get **67F4DE**, and if you desaturate by 10%, it is **97F4E6**.

Distribution



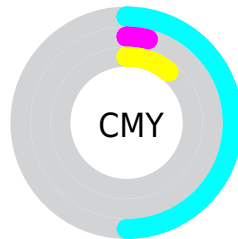
- Red (50%)
- Green (96%)
- Blue (89%)



- Red (50%)
- Yellow (75%)
- Blue (96%)



- Cyan (48%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)



- Cyan (50%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FF4E2 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 7FF4E2 by changing the saturation by 10% instead.

 7FF4E2

 7FF4E2

FFFFFF

 61D7C6

 BAFFFF

 41BBAB

 D8FFFF

 17A090

 F6FFFF

 008577

 006B5E

 005246

 003A30

 00261B

 000001

 7FF4E2

 7FF4E2

 67F4DE

 97F4E6

 4EF4DA

 B0F4EA

 36F4D7

 C8F4ED

 1DF4D3

 E1F4F1

 05F4CF

 F9F4F5

 00F4CE

 FFF4F9

 FFF4FC

 FFF4FF

Harmonies

Analogous

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



A6F1BE



7FF4E2



6BF3FF

Triad

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



7FF4E2



E9D6FF



FFD3A2

Complementary

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



7FF4E2



F47F91

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.



FFC9BC



7FF4E2



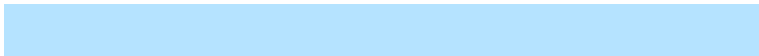
FFCBFF

Square

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



7FF4E2



B5E3FF



FFC5DF



F7DF99

Rectangle

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



7FF4E2



77EFFF



FFC5DF



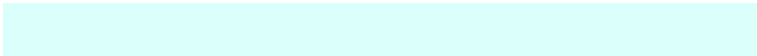
FFCFA9

Sweetspot

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



7FF4E2



DBFFFA



92F47F



6A807C



000000



808080

Same Dimension

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



7FF4E2



6BFFE8



7FCDF4



6E7A79



00BA9E



003B32

Inverse Universe

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



F47F91



FF6B82



F4A67F



7A6E70



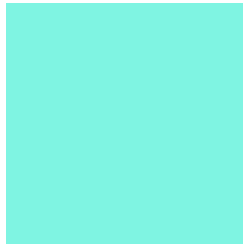
BA001D



3B0009

Previews

White Background



This preview shows how the Hex color 7FF4E2 looks on a white background.

Color Contrast Check

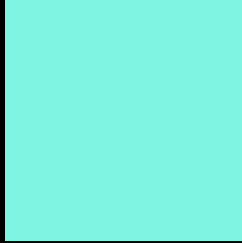
Large Text (above 18pt) WCAG AA × Fail

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 7FF4E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

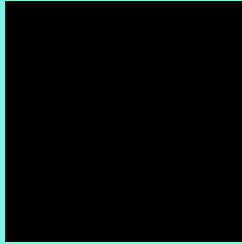
Any Text WCAG AA ✓ Pass

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 7FF4E2 Background



This preview shows how black text looks on a background with the Hex color 7FF4E2.

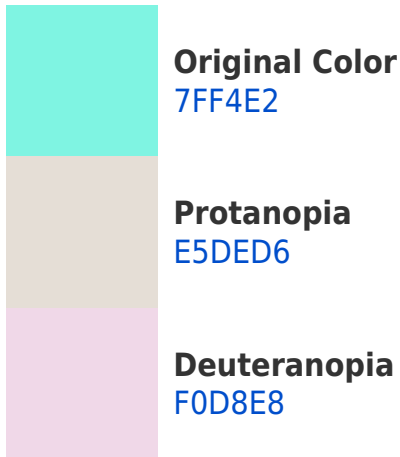


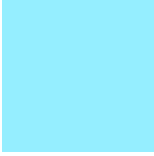
This preview shows how white text looks on a background with the Hex color 7FF4E2.

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



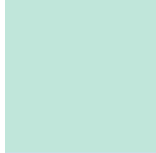


Tritanopia
95EEFF

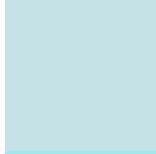
Trichromacy



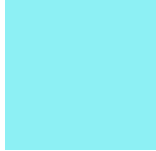
Original Color
7FF4E2



Protanomaly
C0E6DA

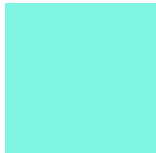


Deuteranomaly
C7E2E6

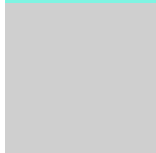


Tritanomaly
8DF0F4

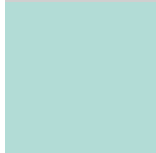
Monochromacy



Original Color
7FF4E2



Achromatopsia
CFCFCF



Achromatomaly
B2DCD6

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FF4E2 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 #7FF4E2 looks like.

```
.text, #text, p{  
    color:#7FF4E2  
}
```

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 #7FF4E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FF4E2
}
```

Border

The CSS property to change the border of an element to Hex 7FF4E2 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
#7FF4E2 }
```

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

```
.border{ border-color:#7FF4E2 }
```

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

Here you see how a box with a 4 pixel #7FF4E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FF4E2; -webkit-box-shadow:4px 4px  
4px 4px #7FF4E2; box-shadow:4px 4px 4px  
4px #7FF4E2 }
```

Background

The CSS property to change the background color of an element to Hex 7FF4E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FF4E2 }
```

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

```
.background{ background-color:#7FF4E2 }
```

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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