

Converting Colors

Hex(7FE2E2)

Have a look what the booklet for
Hex(7FE2E2) contains.

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Color

Hex(7FE2E2)

Conversions

Conversions Part 1

Format	Color
Hex	7FE2E2
RGB	127, 226, 226
RGB Percent	50%, 89%, 89%
CMY	0.5020, 0.1137, 0.1137
CMYK	0.44, 0.00, 0.00, 0.11
HSL	180°, 63%, 69%
HSV	180°, 44%, 89%
XYZ	49.6762, 64.3957, 81.7629
YIQ	196.3990, -59.0040, -20.9880

Conversions

Conversions Part 2

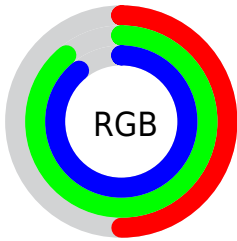
Format	Color
RYB	127, 177, 226
Decimal	8381154
CIELab	84.17, -29.02, -9.08
CIElCh	84, 30.406, 197.370
Yxy	64.3957, 0.2537, 0.3288
Android (android.graphics.Color)	4286571234 (0xFF7FE2E2)
YUV	196.3990, 14.5933, -60.8629
Hunter-Lab	80.2469, -29.9332, -4.2372

Details

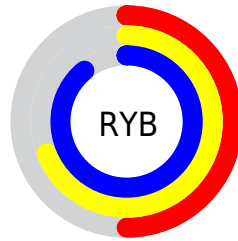
The Hex color **7FE2E2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E27F7F**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **B9FFFF**, and **44AAAB** is the 20% darker color. If you saturate the color by 10%, you get **68E2E2**, and if you desaturate by 10%, it is **96E2E2**.

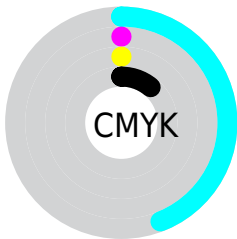
Distribution



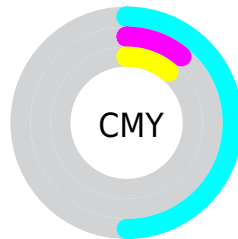
- Red (50%)
- Green (89%)
- Blue (89%)



- Red (50%)
- Yellow (69%)
- Blue (89%)



- Cyan (44%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 7FE2E2 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 7FE2E2 by changing the saturation by 10% instead.

 7FE2E2

 7FE2E2

FFFFFF

 62C6C6

 B9FFFF

 44AAAB

 D6FFFF

 209090

 F4FFFF

 007677

 005D5E

 004446

 002D30

 00181B

 000000

 7FE2E2

 7FE2E2

 68E2E2

 96E2E2

 52E2E2

 ACE2E2

 3BE2E2

 C3E2E2

 25E2E2

 D9E2E2

 0EE2E2

 F0E2E2

 00E2E2

 FFE2E2

Harmonies

Analogous

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



95E1C4



7FE2E2



81DFFB

Triad

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



7FE2E2



EBC5F9



F2CC9A

Complementary

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



7FE2E2



E27F7F

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.



FFC3A9



7FE2E2



FFBEDF

Square

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



7FE2E2



C6CFFF



FFBDC2



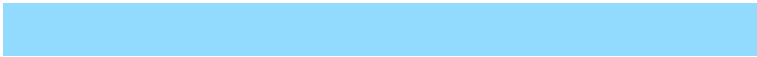
D6D59B

Rectangle

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



7FE2E2



92DBFF



FFBDC2



FAC99E

Sweetspot

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



7FE2E2



DEFFFF



7FE27F



6B8080



000000



808080

Same Dimension

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



7FE2E2



78FFFF



7FB1E2



657070



00B0B0



003030

Inverse Universe

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



E27FE2



FF78FF



E2B17F



706570



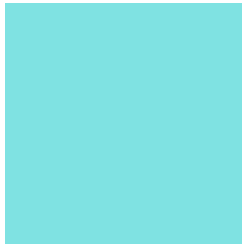
B000B0



300030

Previews

White Background



This preview shows how the Hex color 7FE2E2 looks on a white background.

Color Contrast Check

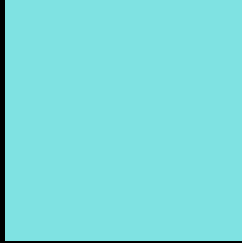
Large Text (above 18pt) WCAG AA × Fail

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 7FE2E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

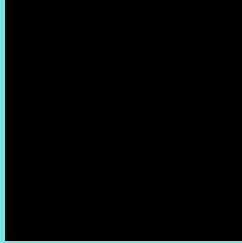
Any Text WCAG AA ✓ Pass

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 7FE2E2 Background



This preview shows how black text looks on a background with the Hex color 7FE2E2.

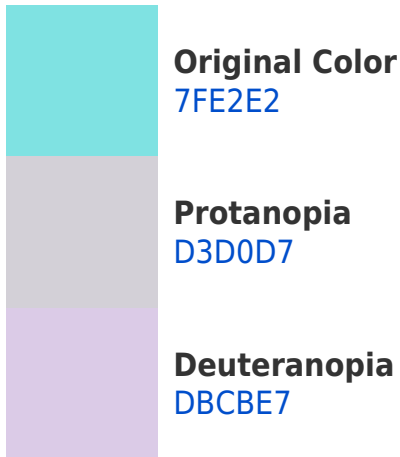


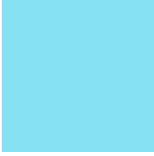
This preview shows how white text looks on a background with the Hex color 7FE2E2.

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



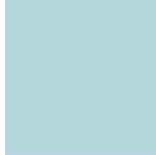


Tritanopia
84E0F2

Trichromacy



Original Color
7FE2E2



Protanomaly
B4D7DB



Deuteranomaly
BAD3E5

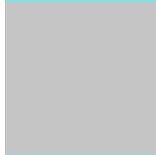


Tritanomaly
82E1EC

Monochromacy



Original Color
7FE2E2



Achromatopsia
C4C4C4



Achromatomaly
ABCFCF

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FE2E2 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 #7FE2E2 looks like.

```
.text, #text, p{  
    color:#7FE2E2  
}
```

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 #7FE2E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FE2E2
}
```

Border

The CSS property to change the border of an element to Hex 7FE2E2 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
#7FE2E2 }
```

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

```
.border{ border-color:#7FE2E2 }
```

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

Here you see how a box with a 4 pixel #7FE2E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FE2E2; -webkit-box-shadow:4px 4px  
4px 4px #7FE2E2; box-shadow:4px 4px 4px  
4px #7FE2E2 }
```

Background

The CSS property to change the background color of an element to Hex 7FE2E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FE2E2 }
```

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

```
.background{ background-color:#7FE2E2 }
```

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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