Converting Colors

Hex(7FE6CF)

Have a look what the booklet for Hex(7FE6CF) contains.

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Color

Hex(7FE6CF)

Conversions

Conversions Part 1

Format	Color
Hex	7FE6CF
RGB	127, 230, 207
RGB Percent	50%, 90%, 81%
CMY	0.5020, 0.0980, 0.1882
CMYK	0.45, 0.00, 0.10, 0.10
HSL	167°, 67%, 70%
HSV	167°, 45%, 90%
XYZ	48.3117, 65.6106, 69.1493
YIQ	196.5810, -54.0050, -28.9890

Conversions

Conversions Part 2

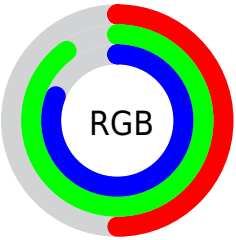
Format	Color
RYB	127, 185, 230
Decimal	8382159
CIELab	84.80, -35.44, 1.88
CIELCh	85, 35.489, 176.969
Yxy	65.6106, 0.2639, 0.3584
Android (android.graphics.Color)	4286572239 (0xFF7FE6CF)
YUV	196.5810, 5.1366, -61.0225
Hunter-Lab	81.0004, -35.2866, 6.0849

Details

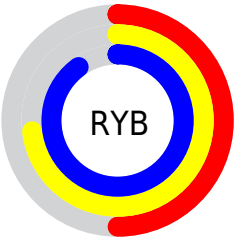
The Hex color 7FE6CF is a light color, and the websafe version is hex 66CCCC. A complement of this color would be E67F96, and the grayscale version is C5C5C5.

A 20% lighter version of the original color is B9FFFF, and 45AE99 is the 20% darker color. If you saturate the color by 10%, you get 68E6CA, and if you desaturate by 10%, it is 96E6D4.

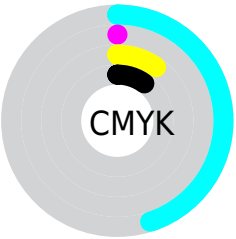
Distribution



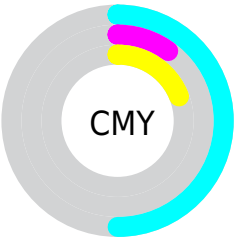
- Red (50%)
- Green (90%)
- Blue (81%)



- Red (50%)
- Yellow (73%)
- Blue (90%)



- Cyan (45%)
- Magenta (0%)
- Yellow (10%)
- Black (10%)



- Cyan (50%)
- Magenta (10%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FE6CF 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 7FE6CF by changing the saturation by 10% instead.

7FE6CF

FFFFFF

B9FFFF

D6FFFF

F4FFFF

7FE6CF

62CAB3

45AE99

22937F

007966

005F4E

004737

003022

001A0C

000000

7FE6CF

68E6CA

51E6C5

3AE6C0

23E6BA

0CE6B5

00E6B3

7FE6CF

96E6D4

ADE6D9

C4E6DE

DBE6E4

F2E6E9

FFE6EE

FFE6F3

FFE6F8

FFE6FD

Harmonies

Analogous

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

A5E2AE

7FE6CF

68E6F1

Triad

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

7FE6CF

D4CCFF

FFC59D

Complementary

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

7FE6CF

E67F96

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.

FFBDB7

7FE6CF

FBC1F9

Square

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

7FE6CF

A3D8FF

FFBBD8

EED091

Rectangle

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

7FE6CF

6DE3FF

FFBBD8

FFC2A4

Sweetspot

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

7FE6CF

DEFFF8

97E67F

6B807B

000000

808080

Same Dimension

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

7FE6CF

75FFE0

7FCBE6

677370

00B38B

003328

Inverse Universe

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

E67F96

FF7594

E69A7F

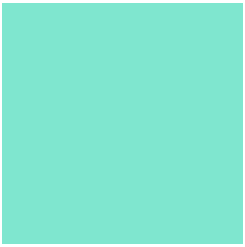
73676A

B30028

33000B

Previews

White Background



This preview shows how the Hex color 7FE6CF 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 7FE6CF 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 7FE6CF Background

This preview shows how black text looks on a background with the Hex color 7FE6CF.

This preview shows how white text looks on a background with the Hex color 7FE6CF.

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

Original Color
7FE6CF

Protanopia
DAD2C4

Deuteranopia
E6CCD5

Tritanopia
89E1F3

Trichromacy

Original Color
7FE6CF

Protanomaly
B9D9C8

Deuteranomaly
C1D5D3

Tritanomaly
85E3E6

Monochromacy

Original Color
7FE6CF

Achromatopsia
C5C5C5

Achromatomaly
ACD1C9

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FE6CF 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 #7FE6CF looks like.

```
.text, #text, p{
    color:#7FE6CF
}
```

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 #7FE6CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FE6CF }
```

Border

The CSS property to change the border of an element to Hex 7FE6CF 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 #7FE6CF }
```

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

```
.border{ border-color:#7FE6CF }
```

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

Here you see how a box with a 4 pixel #7FE6CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #7FE6CF; -webkit-box-shadow:4px 4px 4px 4px #7FE6CF; box-shadow:4px 4px 4px 4px #7FE6CF }
```

Background

The CSS property to change the background color of an element to Hex 7FE6CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:#7FE6CF }
```

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

```
.background{ background-color:#7FE6CF }
```

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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