

Converting Colors

Hex(74EEB7)

Have a look what the booklet for
Hex(74EEB7) contains.

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Color

Hex(74EEB7)

Conversions

Conversions Part 1

Format	Color
Hex	74EEB7
RGB	116, 238, 183
RGB Percent	45%, 93%, 72%
CMY	0.5451, 0.0667, 0.2824
CMYK	0.51, 0.00, 0.23, 0.07
HSL	153°, 78%, 69%
HSV	153°, 51%, 93%
XYZ	46.3242, 68.2810, 55.5378
YIQ	195.2520, -55.0570, -42.9690

Conversions

Conversions Part 2

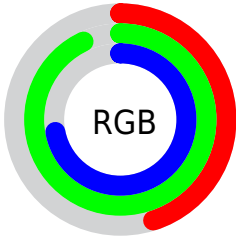
Format	Color
RYB	116, 195, 238
Decimal	7663287
CIELab	86.15, -46.80, 16.32
CIELCh	86, 49.567, 160.781
Yxy	68.2810, 0.2723, 0.4013
Android (android.graphics.Color)	4285853367 (0xFF74EEB7)
YUV	195.2520, -6.0402, -69.5040
Hunter-Lab	82.6323, -44.5382, 17.9934

Details

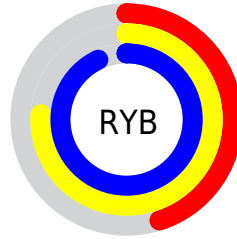
The Hex color **74EEB7** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **EE74AB**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **AFFFEF**, and **35B582** is the 20% darker color. If you saturate the color by 10%, you get **5CEEAC**, and if you desaturate by 10%, it is **8CEEAC**.

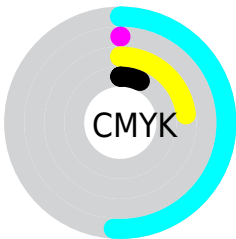
Distribution



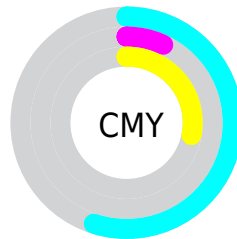
- Red (45%)
- Green (93%)
- Blue (72%)



- Red (45%)
- Yellow (76%)
- Blue (93%)



- Cyan (51%)
- Magenta (0%)
- Yellow (23%)
- Black (7%)



- Cyan (55%)
- Magenta (7%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74EEB7 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 74EEB7 by changing the saturation by 10% instead.

 74EEB7

FFFFFF

 AFFFEF


 CCFFFF

 EAFFFF

 74EEB7

 56D19C

 35B582

 009A69

 007F50

 006539

 004C23

 00340E

 001E00

 000000

 74EEB7

 74EEB7

 5CEEAC

 8CEEAC

 44EEA2

 A4EECC

 2DEE97

 BBEEED

 15EE8C

 D3EEEE

 00EE83

 EBEEED

 FFEEF7

 FFEEFF

Harmonies

Analogous

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



B1E78E



74EEB7



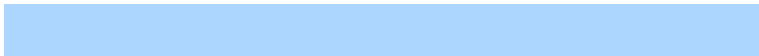
00F0E7

Triad

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



74EEB7



ADD6FF



FFBA9C

Complementary

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



74EEB7



EE74AB

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.



FFB2C8



74EEB7



F2C5FF

Square

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



74EEB7



4EE5FF



FFB6F8



FFCA7F

Rectangle

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



74EEB7



00EFFF



FFB6F8



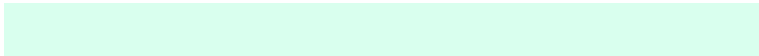
FFB7AA

Sweetspot

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



74EEB7



D9FFEE



ADEE74



698075



000000



808080

Same Dimension

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



74EEB7



61FFB8



74EAEE



6C7872



00B865



00381F

Inverse Universe

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



EE74AB



FF61A8



EE7874



786C71



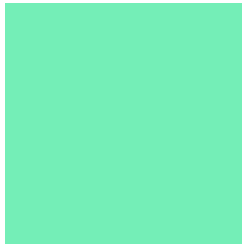
B80053



380019

Previews

White Background



This preview shows how the Hex color 74EEB7 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 74EEB7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

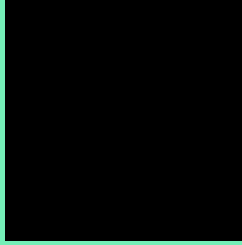
Any Text WCAG AA ✓ Pass

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 74EEB7 Background



This preview shows how black text looks on a background with the Hex color 74EEB7.

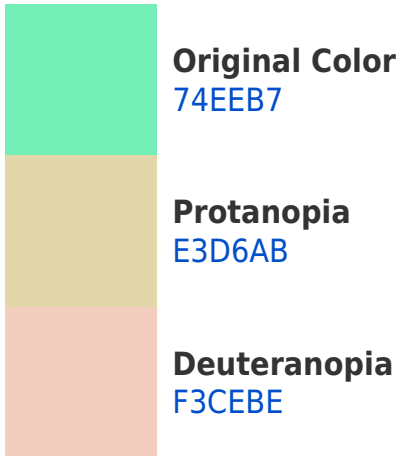


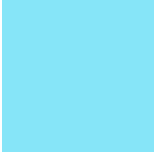
This preview shows how white text looks on a background with the Hex color 74EEB7.

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](#).

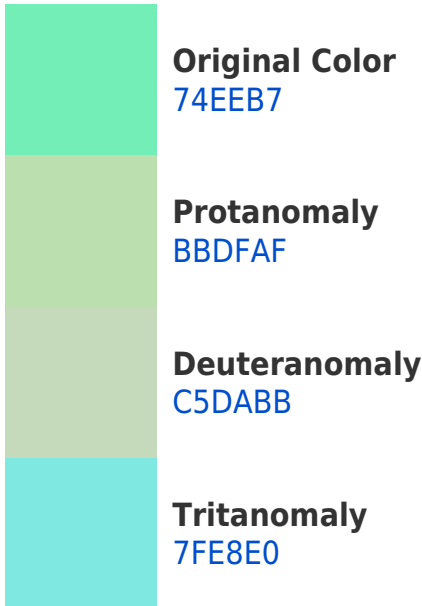
Dichromacy



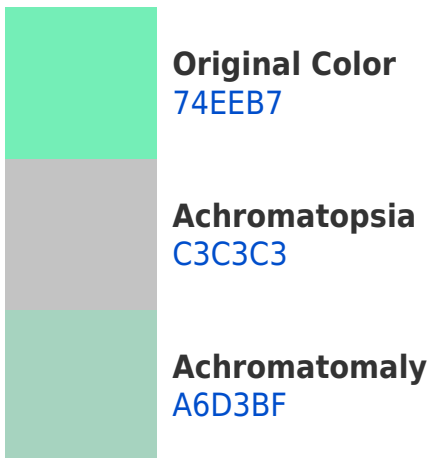


Tritanopia
86E5F8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74EEB7 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 #74EEB7 looks like.

```
.text, #text, p{  
    color:#74EEB7  
}
```

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 #74EEB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74EEB7
}
```

Border

The CSS property to change the border of an element to Hex 74EEB7 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
#74EEB7 }
```

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

```
.border{ border-color:#74EEB7 }
```

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

Here you see how a box with a 4 pixel #74EEB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74EEB7; -webkit-box-shadow:4px 4px  
4px 4px #74EEB7; box-shadow:4px 4px 4px  
4px #74EEB7 }
```

Background

The CSS property to change the background color of an element to Hex 74EEB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74EEB7 }
```

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

```
.background{ background-color:#74EEB7 }
```

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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