

Converting Colors

Hex(77EFE5)

Have a look what the booklet for
Hex(77EFE5) contains.

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Color

Hex(77EFE5)

Conversions

Conversions Part 1

Format	Color
Hex	77EFE5
RGB	119, 239, 229
RGB Percent	47%, 94%, 90%
CMY	0.5333, 0.0627, 0.1020
CMYK	0.50, 0.00, 0.04, 0.06
HSL	175°, 79%, 70%
HSV	175°, 50%, 94%
XYZ	52.6171, 71.3121, 85.1201
YIQ	201.9800, -68.3100, -28.5500

Conversions

Conversions Part 2

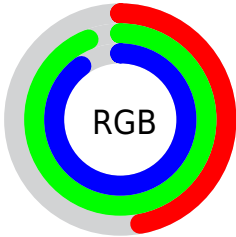
Format	Color
RYB	119, 182, 239
Decimal	7860197
CIELab	87.64, -36.16, -5.56
CIELCh	88, 36.583, 188.739
Yxy	71.3121, 0.2517, 0.3411
Android (android.graphics.Color)	4286050277 (0xFF77EFE5)
YUV	201.9800, 13.3209, -72.7735
Hunter-Lab	84.4465, -36.5612, -0.6504

Details

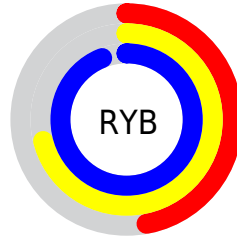
The Hex color **77EFE5** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **EF7781**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **B3FFFF**, and **36B7AE** is the 20% darker color. If you saturate the color by 10%, you get **5FEFE3**, and if you desaturate by 10%, it is **8FEFE7**.

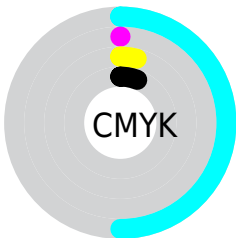
Distribution



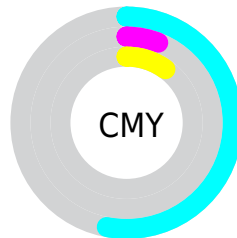
- Red (47%)
- Green (94%)
- Blue (90%)



- Red (47%)
- Yellow (71%)
- Blue (94%)



- Cyan (50%)
- Magenta (0%)
- Yellow (4%)
- Black (6%)



- Cyan (53%)
- Magenta (6%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77EFE5 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 77EFE5 by changing the saturation by 10% instead.

 77EFE5

 77EFE5

FFFFFF

 58D2C9

 B3FFFF

 36B7AE

 D1FFFF

 009B93

 EFFFFFF

 008179

 006761

 004E49

 003733

 00231D

 000004

 77EFE5

 77EFE5

 5FEFE3

 8FEFE7

 47EFE1

 A7EFE9

 2FEFDF

 BFEFEB

 17EFDD

 D7EFED

 00EFDB

 EEEFEF

 FFEFF1

 FFEFF3

 FFEFF5

 FFEFF7

Harmonies

Analogous

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



9BEDC1



77EFE5



6CEDFF

Triad

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



77EFE5



EECFFF



FFD19C

Complementary

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



77EFE5



EF7781

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.



FFC7B2



77EFE5



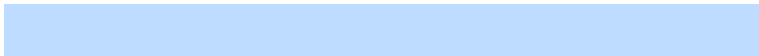
FFC5F6

Square

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



77EFE5



BDDCFF



FFC2D3



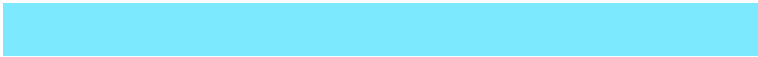
EADD97

Rectangle

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



77EFE5



7DE9FF



FFC2D3



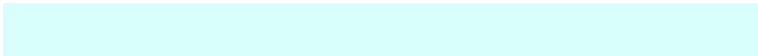
FFCDA1

Sweetspot

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



77EFE5



D9FFFC



81EF77



69807E



000000



808080

Same Dimension

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



77EFE5



66FFF2



77BDEF



6C7877



00B8A8



003833

Inverse Universe

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



EF7781



FF6673



EFA977



786C6D



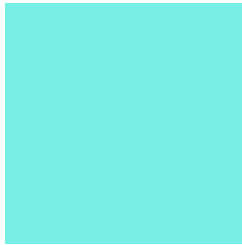
B8000F



380005

Previews

White Background



This preview shows how the Hex color 77EFE5 looks on a white background.

Color Contrast Check

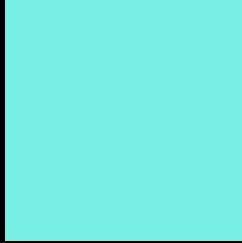
Large Text (above 18pt) WCAG AA × Fail

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 77EFE5 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 77EFE5 Background



This preview shows how black text looks on a background with the Hex color 77EFE5.

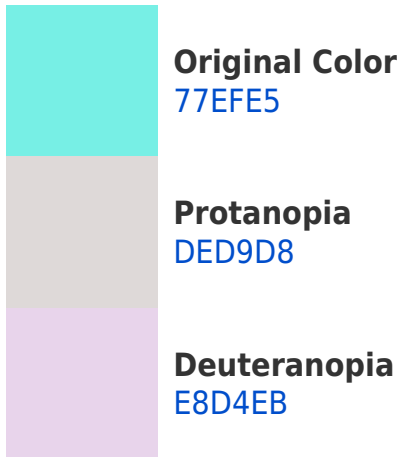


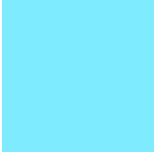
This preview shows how white text looks on a background with the Hex color 77EFE5.

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
7FEBFE

Trichromacy



Original Color
77EFE5



Protanomaly
B9E1DD



Deuteranomaly
BFDEE9

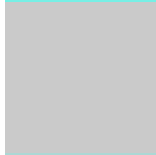


Tritanomaly
7CECF5

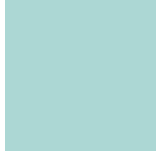
Monochromacy



Original Color
77EFE5



Achromatopsia
CACACA



Achromatomaly
ACD7D4

CSS Examples

Text

The CSS property to change the color of the text to Hex 77EFE5 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 #77EFE5 looks like.

```
.text, #text, p{  
    color:#77EFE5  
}
```

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 #77EFE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77EFE5 }  
}
```

Border

The CSS property to change the border of an element to Hex 77EFE5 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 #77EFE5 }  
}
```

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

```
.border{ border-color:#77EFE5 }
```

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

Here you see how a box with a 4 pixel #77EFE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77EFE5; -webkit-box-shadow:4px 4px  
4px 4px #77EFE5; box-shadow:4px 4px 4px  
4px #77EFE5 }
```

Background

The CSS property to change the background color of an element to Hex 77EFE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77EFE5 }
```

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

```
.background{ background-color:#77EFE5 }
```

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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