

# Converting Colors

Hex(7CFBE5)

Have a look what the booklet for  
Hex(7CFBE5) contains.

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# Color

**Hex(7CFBE5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CFBE5
RGB	124, 251, 229
RGB Percent	49%, 98%, 90%
CMY	0.5137, 0.0157, 0.1020
CMYK	0.51, 0.00, 0.09, 0.02
HSL	170°, 94%, 74%
HSV	170°, 51%, 98%
XYZ	56.9522, 78.9366, 86.3633
YIQ	210.5190, -68.6300, -33.7660

# Conversions

## Conversions Part 2

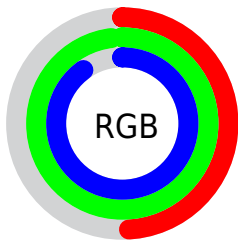
Format	Color
<a href="#">RYB</a>	<a href="#">124, 194, 251</a>
Decimal	<a href="#">8190949</a>
CIELab	<a href="#">91.21, -40.56, -0.30</a>
CIELCh	<a href="#">91, 40.565, 180.419</a>
Yxy	<a href="#">78.9366, 0.2563, 0.3552</a>
Android (android.graphics.Color)	<a href="#">4286381029 (0xFF7CFBE5)</a>
YUV	<a href="#">210.5190, 9.1111, -75.8772</a>
Hunter-Lab	<a href="#">88.8463, -41.0589, 4.5593</a>

# Details

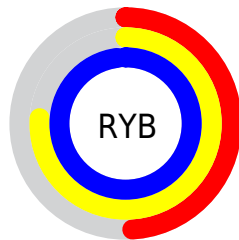
The Hex color **7CFBE5** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FB7C92**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **B8FFFF**, and **3BC2AE** is the 20% darker color. If you saturate the color by 10%, you get **63FBE1**, and if you desaturate by 10%, it is **95FBE9**.

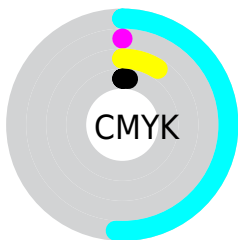
# Distribution



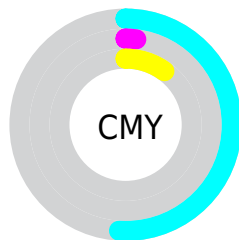
- Red (49%)
- Green (98%)
- Blue (90%)



- Red (49%)
- Yellow (76%)
- Blue (98%)



- Cyan (51%)
- Magenta (0%)
- Yellow (9%)
- Black (2%)



- Cyan (51%)
- Magenta (2%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CFBE5 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 7CFBE5 by changing the saturation by 10% instead.



 7CFBE5

FFFFFF

 B8FFFF


 D6FFFF

 F4FFFF

 7CFBE5

 5DDEC9

 3BC2AE

 02A693

 008B79

 007161

 005849

 004033

 002A1D

 000805

 7CFBE5

 7CFBE5

 63FBE1

 95FBE9

 4AFBDC

 AEFBEE

 31FBD8

 C7FBF2

 18FBD4

 E0FBF6

 00FBD0

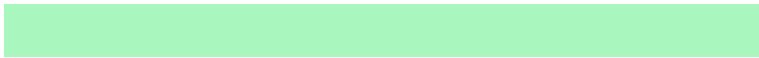
 FAFBFB

 FFFBFF

# Harmonies

## Analogous

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



A9F7BE



7CFBE5



61FAFF

# Triad

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



7CFBE5



ECDCFF



FFD6A3

# Complementary

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



7CFBE5



FB7C92

# 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.



FFCC00



7CFBE5



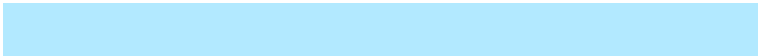
FFCFFF

# Square

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



7CFBE5



B2E9FF



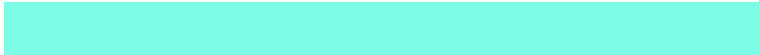
FFC8E7



FFE498

# Rectangle

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



7CFBE5



6BF7FF



FFC8E7



FFD2AB

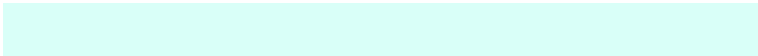


# Sweetspot

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



7CFBE5



D9FFF8



93FB7C



69807C



000000

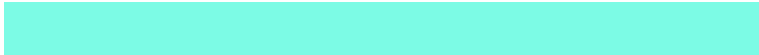


808080



# Same Dimension

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



7CFBE5



63FFE4



7CD3FB



707D7B



00BD9C



003D33



# Inverse Universe

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



FB7C92



FF637E



FBA47C



7D7073



BD0021

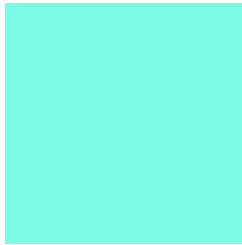


3D000B



# Previews

## White Background



This preview shows how the Hex color 7CFBE5 looks on a white background.

## Color Contrast Check

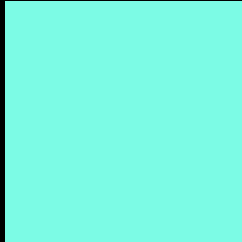
Large Text (above 18pt) WCAG AA × Fail

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 7CFBE5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

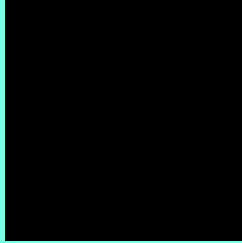
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7CFBE5 Background



This preview shows how black text looks on a background with the Hex color 7CFBE5.

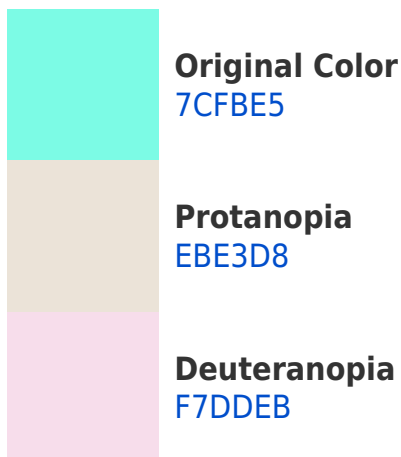


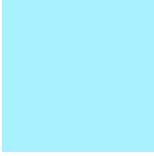
This preview shows how white text looks on a background with the Hex color 7CFBE5.

# 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



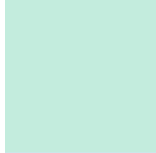


**Tritanopia**  
AAF1FF

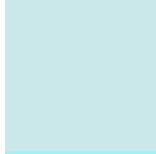
# Trichromacy



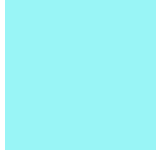
**Original Color**  
7CFBE5



**Protanomaly**  
C3ECDD

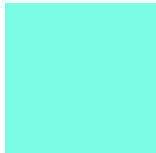


**Deuteranomaly**  
CAE8E9

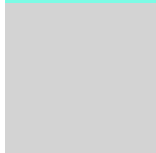


**Tritanomaly**  
99F5F6

# Monochromacy



**Original Color**  
7CFBE5



**Achromatopsia**  
D3D3D3



**Achromatomaly**  
B3E2DA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CFBE5 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 #7CFBE5 looks like.

```
.text, #text, p{  
    color:#7CFBE5  
}
```

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 #7CFBE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CFBE5  
}
```

## Border

The CSS property to change the border of an element to Hex 7CFBE5 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  
#7CFBE5 }
```

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

```
.border{ border-color:#7CFBE5 }
```

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

Here you see how a box with a 4 pixel #7CFBE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CFBE5; -webkit-box-shadow:4px 4px  
4px 4px #7CFBE5; box-shadow:4px 4px 4px  
4px #7CFBE5 }
```

# Background

The CSS property to change the background color of an element to Hex 7CFBE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CFBE5 }
```

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

```
.background{ background-color:#7CFBE5 }
```

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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