

# Converting Colors

Hex(5FFFD7)

Have a look what the booklet for  
Hex(5FFFD7) contains.

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**Color**

**Hex(5FFFD7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FFFD7
RGB	95, 255, 215
RGB Percent	37%, 100%, 84%
CMY	0.6275, 0.0000, 0.1569
CMYK	0.63, 0.00, 0.16, 0.00
HSL	165°, 100%, 69%
HSV	165°, 63%, 100%
XYZ	52.7451, 78.8592, 76.7314
YIQ	202.6000, -82.5200, -46.3600

# Conversions

## Conversions Part 2

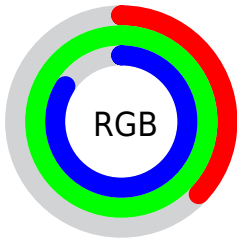
Format	Color
<a href="#">RYB</a>	<a href="#">95, 186, 255</a>
Decimal	<a href="#">6291415</a>
CIELab	<a href="#">91.17, -51.06, 6.80</a>
CIELCh	<a href="#">91, 51.510, 172.416</a>
Yxy	<a href="#">78.8592, 0.2532, 0.3785</a>
Android (android.graphics.Color)	<a href="#">4284481495 (0xFF5FFFD7)</a>
YUV	<a href="#">202.6000, 6.1132, -94.3652</a>
Hunter-Lab	<a href="#">88.8027, -49.3833, 10.9314</a>

# Details

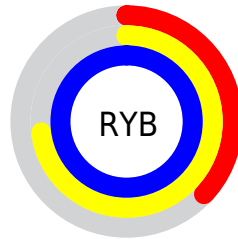
The Hex color **5FFFD7** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **FF5F87**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **A0FFFF**, and **00C5A0** is the 20% darker color. If you saturate the color by 10%, you get **45FFD1**, and if you desaturate by 10%, it is **79FFDD**.

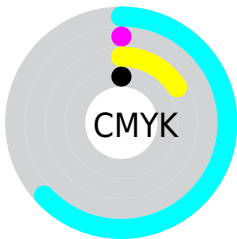
# Distribution



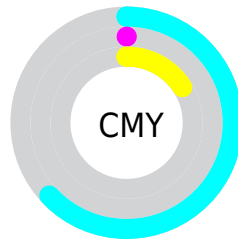
- Red (37%)
- Green (100%)
- Blue (84%)



- Red (37%)
- Yellow (73%)
- Blue (100%)



- Cyan (63%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (63%)
- Magenta (0%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5FFFD7 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 5FFFD7 by changing the saturation by 10% instead.



 5FFFD7

FFFFFF

 A0FFFF

 BFFFFFF

 DEFFFF

FDFFFF

 5FFFD7

 39E2BB

 00C5A0

 00A986

 008E6D

 007455

 005A3D

 004128

 002B13

 000800

 5FFFD7

 5FFFD7

 45FFD1

 79FFDD

 2CFFCA

 92FFE4

 12FFC4

 ACFFEA

 00FFBF

 C5FFF1

 DFFFF7

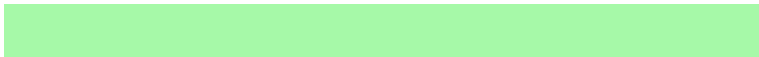
 F8FFFD

FFFFFF

# Harmonies

## Analogous

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



A6F9A8



5FFFD7



00FFFF

# Triad

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



5FFFD7



D8DEFF



FFCD99

# Complementary

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



5FFFD7



FF5F87

# 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.



FFC0C3



5FFFD7



FFCBFF

# Square

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



5FFFD7



81EEFF



FFC0F4



FFDE83

# Rectangle

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



5FFFD7



00FCFF



FFC0F4



FFC8A5

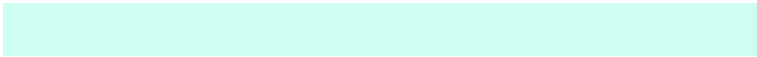


# Sweetspot

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



5FFFD7



CFFFF3



87FF5F



628078



000000



808080



# Same Dimension

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



5FFFD7



40FFCF



5FD7FF



73807C



00BF8F



004030



# Inverse Universe

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



FF5F87



FF4070



FF875F



807376



BF0030

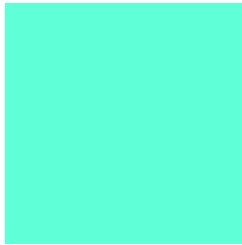


400010



# Previews

## White Background



This preview shows how the Hex color 5FFFD7 looks on a white background.

## Color Contrast Check

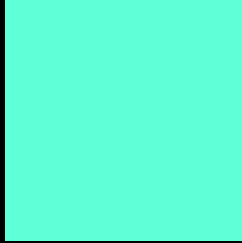
Large Text (above 18pt) WCAG AA × Fail

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 5FFFD7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

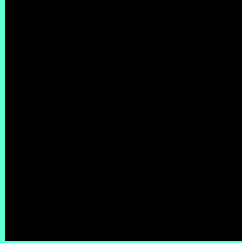
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5FFFD7 Background



This preview shows how black text looks on a background with the Hex color 5FFFD7.

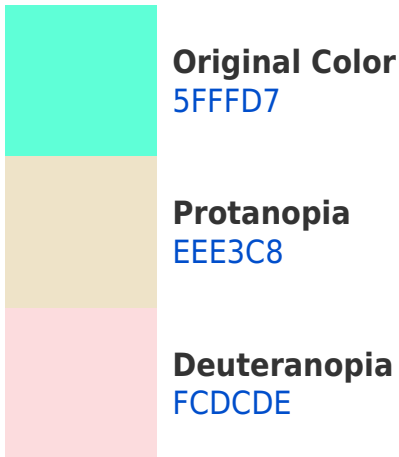


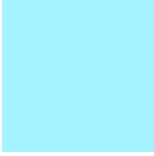
This preview shows how white text looks on a background with the Hex color 5FFFD7.

# 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](#).

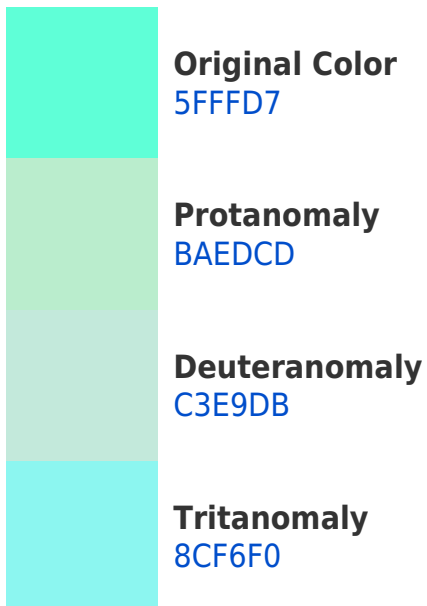
## Dichromacy



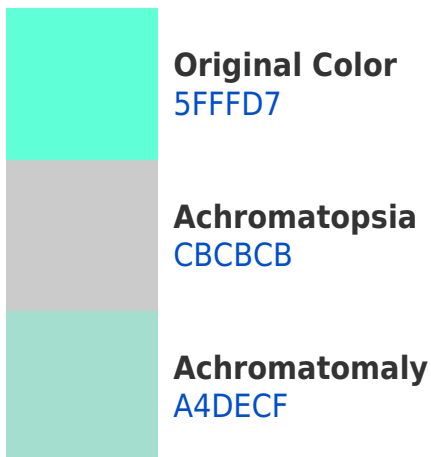


**Tritanopia**  
A5F1FF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5FFFD7 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 #5FFFD7 looks like.

```
.text, #text, p{  
    color:#5FFFD7  
}
```

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 #5FFFD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FFFD7
}
```

## Border

The CSS property to change the border of an element to Hex 5FFFD7 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
#5FFFD7 }
```

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

```
.border{ border-color:#5FFFD7 }
```

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

Here you see how a box with a 4 pixel #5FFFD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FFFD7; -webkit-box-shadow:4px 4px  
4px 4px #5FFFD7; box-shadow:4px 4px 4px  
4px #5FFFD7 }
```

# Background

The CSS property to change the background color of an element to Hex 5FFFD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FFFD7 }
```

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

```
.background{ background-color:#5FFFD7 }
```

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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