

# Converting Colors

Hex(5FF4D1)

Have a look what the booklet for  
Hex(5FF4D1) contains.

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# Color

**Hex(5FF4D1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FF4D1
RGB	95, 244, 209
RGB Percent	37%, 96%, 82%
CMY	0.6275, 0.0431, 0.1804
CMYK	0.61, 0.00, 0.14, 0.04
HSL	166°, 87%, 66%
HSV	166°, 61%, 96%
XYZ	48.5786, 71.7377, 71.6080
YIQ	195.4590, -77.5690, -42.4730

# Conversions

## Conversions Part 2

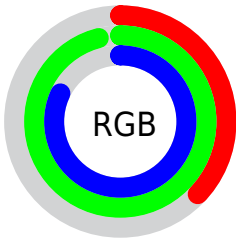
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 179, 244
Decimal	6288593
CIE <sub>Lab</sub>	87.84, -47.83, 5.11
CIE <sub>LCh</sub>	88, 48.102, 173.899
Yxy	71.7377, 0.2531, 0.3738
Android (android.graphics.Color)	4284478673 (0xFF5FF4D1)
YUV	195.4590, 6.6757, -88.1025
Hunter-Lab	84.6981, -45.8430, 9.1620

# Details

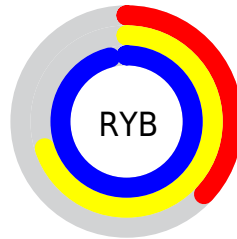
The Hex color **5FF4D1** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **F45F82**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **9EFFFF**, and **00BB9B** is the 20% darker color. If you saturate the color by 10%, you get **47F4CB**, and if you desaturate by 10%, it is **77F4D7**.

# Distribution



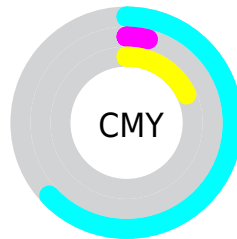
- Red (37%)
- Green (96%)
- Blue (82%)



- Red (37%)
- Yellow (70%)
- Blue (96%)



- Cyan (61%)
- Magenta (0%)
- Yellow (14%)
- Black (4%)



- Cyan (63%)
- Magenta (4%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5FF4D1 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 5FF4D1 by changing the saturation by 10% instead.



 5FF4D1

 5FF4D1


FFFFFF

 3BD7B5

 9EFFFF

 00BB9B

 BDFFFF

 009F81

 DCFFFF

 008568

 FAFFFF

 006A50

 005139

 003923

 00230E

 000000

 5FF4D1

 5FF4D1

 47F4CB

 77F4D7

 2EF4C6

 90F4DC

 16F4C0

 A8F4E2

 00F4BB

 C1F4E8

 D9F4EE

 F1F4F3

 FFF4F9

 FFF4FF

# Harmonies

## Analogous

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



9FEFA5



5FF4D1



00F4FF

# Triad

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



5FF4D1



D4D4FF



FFC694

# Complementary

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



5FF4D1



F45F82

# 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.



FFBABA



5FF4D1



FFC3FF

# Square

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



5FF4D1



86E4FF



FFB9E8



FFD681

# Rectangle

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



5FF4D1



00F1FF



FFB9E8



FFC29F

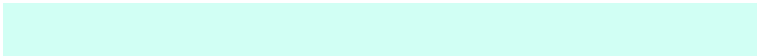


# Sweetspot

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



5FF4D1



D1FFF4



84F45F



638079



000000



808080



# Same Dimension

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



5FF4D1



45FFD3



5FCFF4



6E7A78



00BA8E



003B2D



# Inverse Universe

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



F45F82



FF4571



F4845F



7A6E71



BA002C

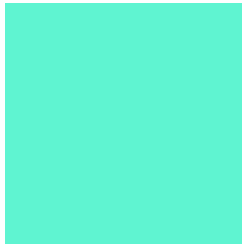


3B000E



# Previews

## White Background



This preview shows how the Hex color 5FF4D1 looks on a white background.

## Color Contrast Check

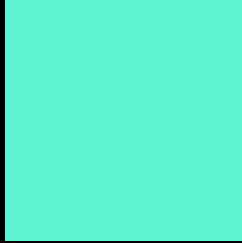
Large Text (above 18pt) WCAG AA × Fail

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 5FF4D1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

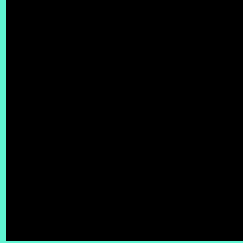
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5FF4D1 Background



This preview shows how black text looks on a background with the Hex color 5FF4D1.

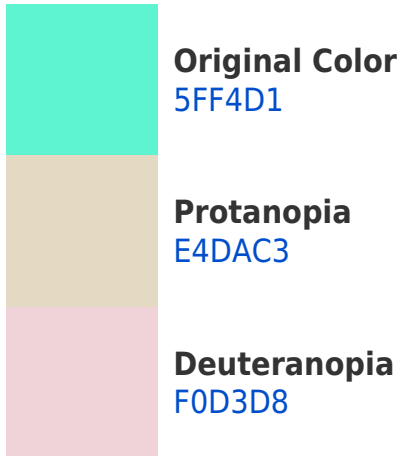


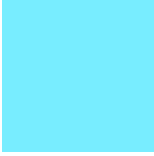
This preview shows how white text looks on a background with the Hex color 5FF4D1.

# 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**  
78EDFF

# Trichromacy



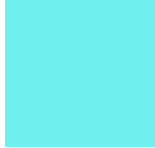
**Original Color**  
5FF4D1



**Protanomaly**  
B4E3C8



**Deuteranomaly**  
BBDFD5

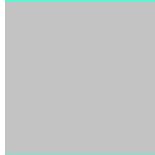


**Tritanomaly**  
6FF0EE

# Monochromacy



**Original Color**  
5FF4D1



**Achromatopsia**  
C3C3C3



**Achromatomaly**  
9FD5C8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5FF4D1 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 #5FF4D1 looks like.

```
.text, #text, p{  
    color:#5FF4D1  
}
```

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 #5FF4D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FF4D1
}
```

## Border

The CSS property to change the border of an element to Hex 5FF4D1 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
#5FF4D1 }
```

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

```
.border{ border-color:#5FF4D1 }
```

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

Here you see how a box with a 4 pixel #5FF4D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FF4D1; -webkit-box-shadow:4px 4px  
4px 4px #5FF4D1; box-shadow:4px 4px 4px  
4px #5FF4D1 }
```

# Background

The CSS property to change the background color of an element to Hex 5FF4D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FF4D1 }
```

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

```
.background{ background-color:#5FF4D1 }
```

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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