

# Converting Colors

Hex(58FDD7)

Have a look what the booklet for  
Hex(58FDD7) contains.

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**Color**

**Hex(58FDD7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58FDD7
RGB	88, 253, 215
RGB Percent	35%, 99%, 84%
CMY	0.6549, 0.0078, 0.1569
CMYK	0.65, 0.00, 0.15, 0.01
HSL	166°, 98%, 67%
HSV	166°, 65%, 99%
XYZ	51.4155, 77.2316, 76.4873
YIQ	199.3330, -86.1420, -46.7980

# Conversions

## Conversions Part 2

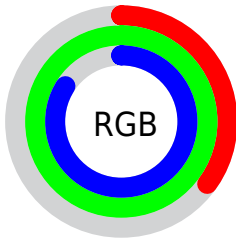
Format	Color
R <sub>Y</sub> B	88, 181, 253
Decimal	5832151
CIE Lab	90.43, -51.34, 5.71
CIE LCh	90, 51.657, 173.657
Yxy	77.2316, 0.2506, 0.3765
Android (android.graphics.Color)	4284022231 (0xFF58FDD7)
YUV	199.3330, 7.7238, -97.6390
Hunter-Lab	87.8815, -49.3603, 9.9142

# Details

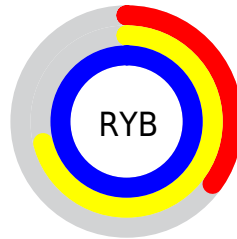
The Hex color **58FDD7** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **FD587E**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **9AFFFF**, and **00C3A0** is the 20% darker color. If you saturate the color by 10%, you get **3FFDD1**, and if you desaturate by 10%, it is **71FDDD**.

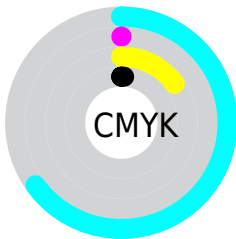
# Distribution



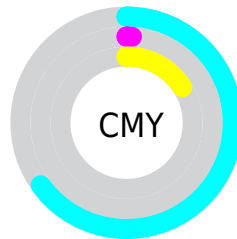
- Red (35%)
- Green (99%)
- Blue (84%)



- Red (35%)
- Yellow (71%)
- Blue (99%)



- Cyan (65%)
- Magenta (0%)
- Yellow (15%)
- Black (1%)



- Cyan (65%)
- Magenta (1%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58FDD7 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 58FDD7 by changing the saturation by 10% instead.



 58FDD7

 58FDD7

FFFFFF

 2EE0BB

 9AFFFF

 00C3A0

 BAFFFF

 00A886

 D9FFFF

 008C6D

 F8FFFF

 007255

 00583E

 003F28

 002913

 000300

 58FDD7

 58FDD7

 3FFDD1

 71FD4D

 25FDCB

 8BFDE3

 0CFDC6

 A4FDE8

 00FDC3

 BDFDEE

 D7FDF4

 F0FDFA

 FFFDFF

# Harmonies

## Analogous

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



A1F7A7



58FDD7



00FDFF

# Triad

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



58FDD7



D9DBFF



FFCC96

# Complementary

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



58FDD7



FD587E

# 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.



FFBFBE



58FDD7



FFC9FF

# Square

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



58FDD7



82ECFF



FFBDF0



FFDD80

# Rectangle

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



58FDD7



00FAFF



FFBDF0



FFC6A2

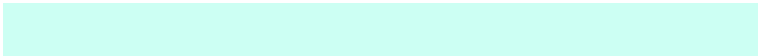


# Sweetspot

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



58FDD7



CCFFF3



7FFD58



618078



000000



808080



# Same Dimension

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



58FDD7



38FFD1



58D1FD



73807D



00BF93



004031



# Inverse Universe

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



FD587E



FF3866



FD8458



807376



BF002C

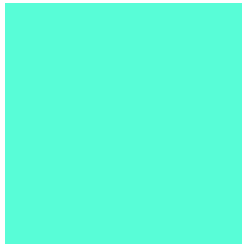


40000F



# Previews

## White Background



This preview shows how the Hex color 58FDD7 looks on a white background.

## Color Contrast Check

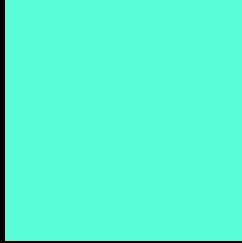
Large Text (above 18pt) WCAG AA × Fail

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 58FDD7 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 58FDD7 Background



This preview shows how black text looks on a background with the Hex color 58FDD7.

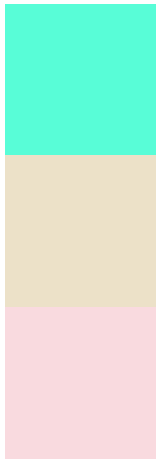


This preview shows how white text looks on a background with the Hex color 58FDD7.

# 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](#).

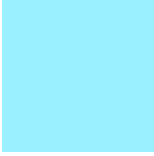
## Dichromacy



**Original Color**  
58FDD7

**Protanopia**  
ECE1C8

**Deuteranopia**  
F9DADF



**Tritanopia**  
9AF0FF

# Trichromacy



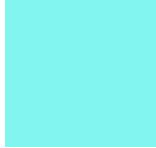
**Original Color**  
58FDD7



**Protanomaly**  
B6EBCD



**Deuteranomaly**  
BEE7DC

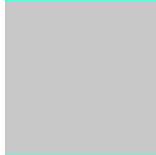


**Tritanomaly**  
82F5F0

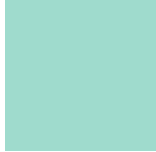
# Monochromacy



**Original Color**  
58FDD7



**Achromatopsia**  
C7C7C7



**Achromatomaly**  
9FDBCD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58FDD7 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 #58FDD7 looks like.

```
.text, #text, p{  
    color:#58FDD7  
}
```

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 #58FDD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58FDD7
}
```

## Border

The CSS property to change the border of an element to Hex 58FDD7 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
#58FDD7 }
```

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

```
.border{ border-color:#58FDD7 }
```

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

Here you see how a box with a 4 pixel #58FDD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58FDD7; -webkit-box-shadow:4px 4px  
4px 4px #58FDD7; box-shadow:4px 4px 4px  
4px #58FDD7 }
```

# Background

The CSS property to change the background color of an element to Hex 58FDD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58FDD7 }
```

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

```
.background{ background-color:#58FDD7 }
```

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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