

# Converting Colors

Hex(54F8C5)

Have a look what the booklet for  
Hex(54F8C5) contains.

<b>Hex(54F8C5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(54F8C5)

# Conversions

## Conversions Part 1

Format	Color
Hex	54F8C5
RGB	84, 248, 197
RGB Percent	33%, 97%, 77%
CMY	0.6706, 0.0275, 0.2275
CMYK	0.66, 0.00, 0.21, 0.03
HSL	161°, 92%, 65%
HSV	161°, 66%, 97%
XYZ	47.3016, 73.0508, 64.4305
YIQ	193.1500, -81.3730, -50.6290

# Conversions

## Conversions Part 2

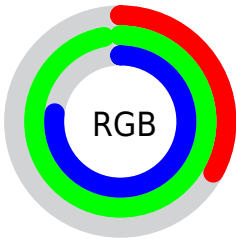
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 181, 248
Decimal	5568709
CIE <sub>Lab</sub>	88.47, -54.08, 12.22
CIE <sub>LCh</sub>	88, 55.441, 167.272
Yxy	73.0508, 0.2560, 0.3953
Android (android.graphics.Color)	4283758789 (0xFF54F8C5)
YUV	193.1500, 1.8980, -95.7246
Hunter-Lab	85.4698, -50.7847, 15.1337

# Details

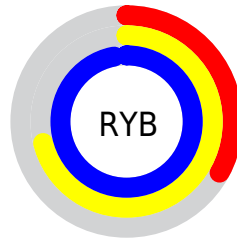
The Hex color **54F8C5** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **F85487**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **96FFFE**, and **00BF8F** is the 20% darker color. If you saturate the color by 10%, you get **3BF8BD**, and if you desaturate by 10%, it is **6DF8CD**.

# Distribution



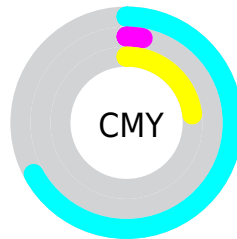
- Red (33%)
- Green (97%)
- Blue (77%)



- Red (33%)
- Yellow (71%)
- Blue (97%)



- Cyan (66%)
- Magenta (0%)
- Yellow (21%)
- Black (3%)



- Cyan (67%)
- Magenta (3%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54F8C5 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 54F8C5 by changing the saturation by 10% instead.



 54F8C5

FFFFFF

 96FFFE

 B5FFFF

 D4FFFF

 F3FFFF

 54F8C5

 29DBAA

 00BF8F

 00A376

 00885D

 006D45

 00542F

 003B1A

 002400

 000000

 54F8C5

 54F8C5

 3BF8BD

 6DF8CD

 22F8B6

 86F8D4

 0AF8AE

 9EF8DC

 00F8AB

 B7F8E4

 D0F8EC

 E9F8F3

 FFF8FB

 FFF8FF

# Harmonies

## Analogous

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



A5F194



54F8C5



00F9FC

# Triad

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



54F8C5



BFD9FF



FFC093

# Complementary

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



54F8C5



F85487

# 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.



FFB4C1



54F8C5



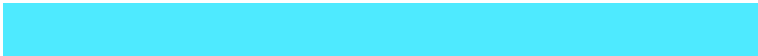
FFC5FF

# Square

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



54F8C5



4EEAFF



FFB6F7



FFD376

# Rectangle

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



54F8C5



00F7FF



FFB6F7



FFBBA1

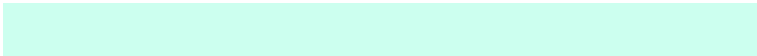


# Sweetspot

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



54F8C5



CCFFEF



88F854



618076



000000



808080



# Same Dimension

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



54F8C5



36FFC0



54DAF8



707D79



00BD82



003D2A



# Inverse Universe

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



F85487



FF3674



F87254



7D7074



BD003B

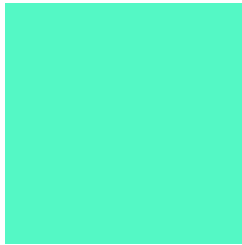


3D0013



# Previews

## White Background



This preview shows how the Hex color 54F8C5 looks on a white background.

## Color Contrast Check

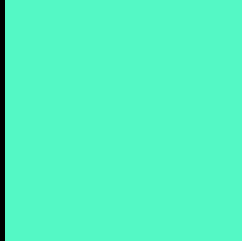
Large Text (above 18pt) WCAG AA × Fail

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 54F8C5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

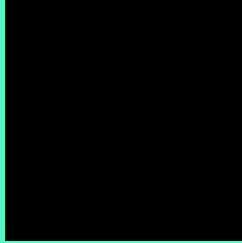
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 54F8C5 Background



This preview shows how black text looks on a background with the Hex color 54F8C5.

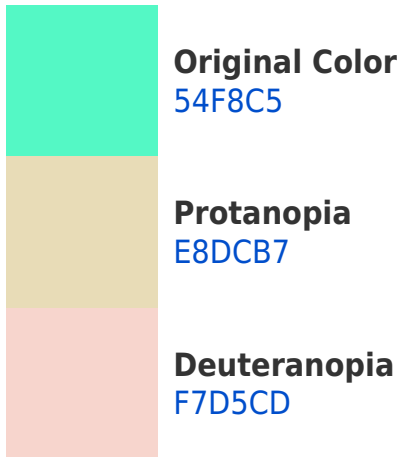


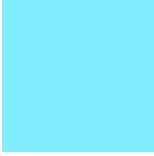
This preview shows how white text looks on a background with the Hex color 54F8C5.

# 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**  
80EEFF

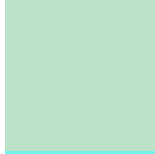
# Trichromacy



**Original Color**  
54F8C5



**Protanomaly**  
B2E6BC



**Deuteranomaly**  
BCE2CA

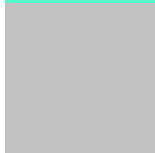


**Tritanomaly**  
70F2EA

# Monochromacy



**Original Color**  
54F8C5



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
99D5C2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54F8C5 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 #54F8C5 looks like.

```
.text, #text, p{  
    color:#54F8C5  
}
```

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 #54F8C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54F8C5
}
```

## Border

The CSS property to change the border of an element to Hex 54F8C5 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
#54F8C5 }
```

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

```
.border{ border-color:#54F8C5 }
```

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

Here you see how a box with a 4 pixel #54F8C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54F8C5; -webkit-box-shadow:4px 4px  
4px 4px #54F8C5; box-shadow:4px 4px 4px  
4px #54F8C5 }
```

# Background

The CSS property to change the background color of an element to Hex 54F8C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54F8C5 }
```

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

```
.background{ background-color:#54F8C5 }
```

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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