

Converting Colors

Hex(54DC7F)

Have a look what the booklet for
Hex(54DC7F) contains.

Hex(54DC7F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(54DC7F)

Conversions

Conversions Part 1

Format	Color
Hex	54DC7F
RGB	84, 220, 127
RGB Percent	33%, 86%, 50%
CMY	0.6706, 0.1373, 0.5020
CMYK	0.62, 0.00, 0.42, 0.14
HSL	139°, 66%, 60%
HSV	139°, 62%, 86%
XYZ	33.0801, 54.6035, 28.8747
YIQ	168.7340, -51.2030, -57.7550

Conversions

Conversions Part 2

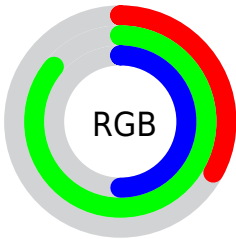
Format	Color
RYB	84, 187, 220
Decimal	5561471
CIELab	78.81, -56.97, 34.98
CIElCh	79, 66.848, 148.452
Yxy	54.6035, 0.2838, 0.4685
Android (android.graphics.Color)	4283751551 (0xFF54DC7F)
YUV	168.7340, -20.5749, -74.3117
Hunter-Lab	73.8942, -49.4060, 28.5579

Details

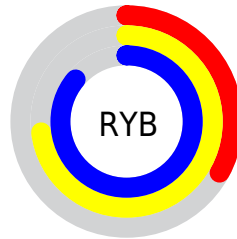
The Hex color **54DC7F** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **DC54B1**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **91FFB5**, and **00A44C** is the 20% darker color. If you saturate the color by 10%, you get **3EDC70**, and if you desaturate by 10%, it is **6ADC8E**.

Distribution



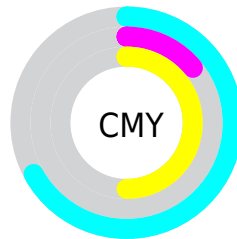
- Red (33%)
- Green (86%)
- Blue (50%)



- Red (33%)
- Yellow (73%)
- Blue (86%)



- Cyan (62%)
- Magenta (0%)
- Yellow (42%)
- Black (14%)



- Cyan (67%)
- Magenta (14%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54DC7F 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 54DC7F by changing the saturation by 10% instead.

 54DC7F

 54DC7F

FFFFFF

 30C065

 91FFB5

 00A44C

 AFFFD1

 008934

 CDF FED

 006E1B

 EBFFFF

 005501

 003C00

 002500

 000000

 54DC7F

 54DC7F

 3EDC70

 6ADC8E

 28DC61

 80DC9D

 12DC52

 96DCAC

 00DC46

 ACDCBB

 C2DCCA

 D8DCD9

 EEDCE8

 FFDCF7

 FFDCFF

Harmonies

Analogous

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



AAD14E



54DC7F



00E1BE

Triad

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



54DC7F



00CBFF



FF918B

Complementary

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



54DC7F



DC54B1

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.



FF8BC9



54DC7F



BFB4FF

Square

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



54DC7F



00DAFF



FF9AFF



FFA759

Rectangle

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



54DC7F



00E1E9



FF9AFF



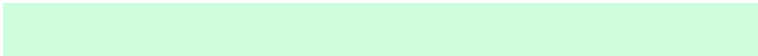
FF8D9F

Sweetspot

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



54DC7F



CFFFDE



B3DC54



62806B



000000



808080

Same Dimension

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



54DC7F



42FF7E



54DCC1



636E66



00AD37



002E0F

Inverse Universe

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



DC54B1



FF42C3



DC546F



6E636A



AD0077



2E001F

Previews

White Background



This preview shows how the Hex color 54DC7F looks on a white background.

Color Contrast Check

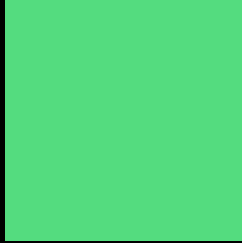
Large Text (above 18pt) WCAG AA × Fail

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 54DC7F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

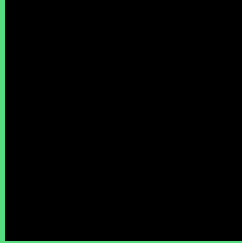
Any Text WCAG AA ✓ Pass

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 54DC7F Background



This preview shows how black text looks on a background with the Hex color 54DC7F.

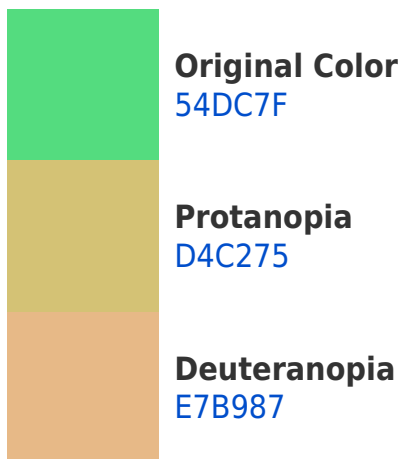


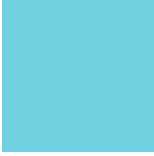
This preview shows how white text looks on a background with the Hex color 54DC7F.

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](#).

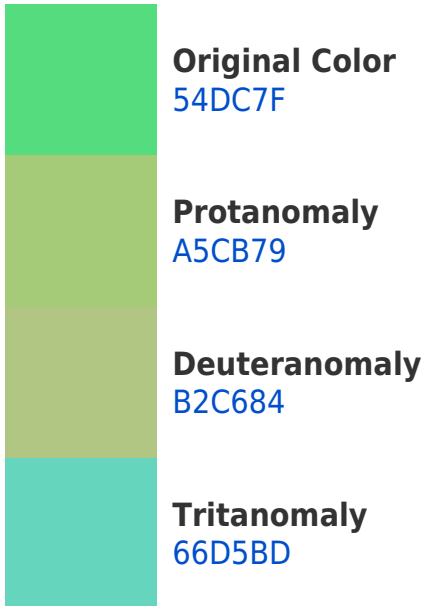
Dichromacy



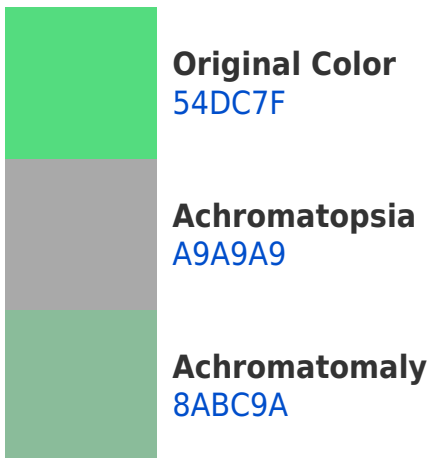


Tritanopia
71D1E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 54DC7F 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 #54DC7F looks like.

```
.text, #text, p{  
    color:#54DC7F  
}
```

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 #54DC7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54DC7F
}
```

Border

The CSS property to change the border of an element to Hex 54DC7F 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
#54DC7F }
```

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

```
.border{ border-color:#54DC7F }
```

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

Here you see how a box with a 4 pixel #54DC7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54DC7F; -webkit-box-shadow:4px 4px  
4px 4px #54DC7F; box-shadow:4px 4px 4px  
4px #54DC7F }
```

Background

The CSS property to change the background color of an element to Hex 54DC7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54DC7F }
```

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

```
.background{ background-color:#54DC7F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor