

Converting Colors

Hex(54DD7C)

Have a look what the booklet for
Hex(54DD7C) contains.

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Color

Hex(54DD7C)

Conversions

Conversions Part 1

Format	Color
Hex	54DD7C
RGB	84, 221, 124
RGB Percent	33%, 87%, 49%
CMY	0.6706, 0.1333, 0.5137
CMYK	0.62, 0.00, 0.44, 0.13
HSL	138°, 67%, 60%
HSV	138°, 62%, 87%
XYZ	33.1507, 55.0530, 27.9478
YIQ	168.9790, -50.5150, -59.2110

Conversions

Conversions Part 2

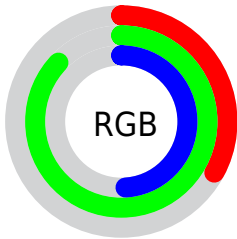
Format	Color
RYB	84, 190, 221
Decimal	5561724
CIELab	79.07, -57.84, 36.81
CIElCh	79, 68.558, 147.523
Yxy	55.0530, 0.2854, 0.4740
Android (android.graphics.Color)	4283751804 (0xFF54DD7C)
YUV	168.9790, -22.1746, -74.5266
Hunter-Lab	74.1977, -50.0941, 29.6058

Details

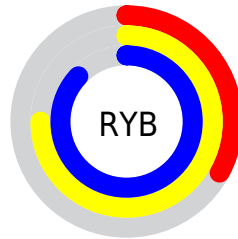
The Hex color **54DD7C** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **DD54B5**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **92FFB2**, and **00A549** is the 20% darker color. If you saturate the color by 10%, you get **3EDD6C**, and if you desaturate by 10%, it is **6ADD8C**.

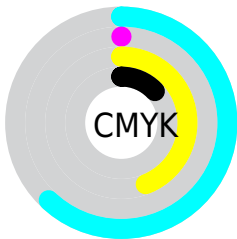
Distribution



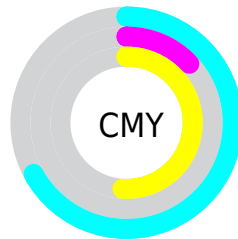
- Red (33%)
- Green (87%)
- Blue (49%)



- Red (33%)
- Yellow (75%)
- Blue (87%)



- Cyan (62%)
- Magenta (0%)
- Yellow (44%)
- Black (13%)



- Cyan (67%)
- Magenta (13%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54DD7C 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 54DD7C by changing the saturation by 10% instead.

 54DD7C

 54DD7C

FFFFFF

 30C162

 92FFB2

 00A549

 B0FFCE

 008A31

 CEFFEA

 006F18

 ECFFFF

 005500

 003D00

 002600

 000000

 54DD7C

 54DD7C

 3E6D6C

 6ADD8C

 28DD5D

 80DD9B

 12DD4D

 96DDAB

 00DD41

 ACDDBB

 C3DDCA

 D9DDDA

 EFDDEA

 FFDDF9

 FFDDFF

Harmonies

Analogous

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



ACD14A



54DD7C



00E2BC

Triad

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



54DD7C



00CDFE



FF908D

Complementary

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



54DD7C



DD54B5

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.



FF8ACC



54DD7C



BCB5FF

Square

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



54DD7C



00DBFF



FF9AFF



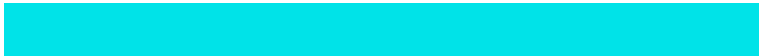
FFA658

Rectangle

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



54DD7C



00E3E8



FF9AFF



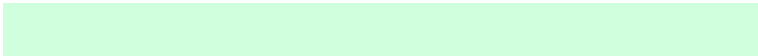
FF8BA1

Sweetspot

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



54DD7C



CFFFDD



B6DD54



62806B



000000



808080

Same Dimension

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



54DD7C



42FF79



54DDBF



636E66



00AD33



002E0D

Inverse Universe

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



DD54B5



FF42C8



DD5472



6E636A



AD007B



2E0020

Previews

White Background



This preview shows how the Hex color 54DD7C looks on a white background.

Color Contrast Check

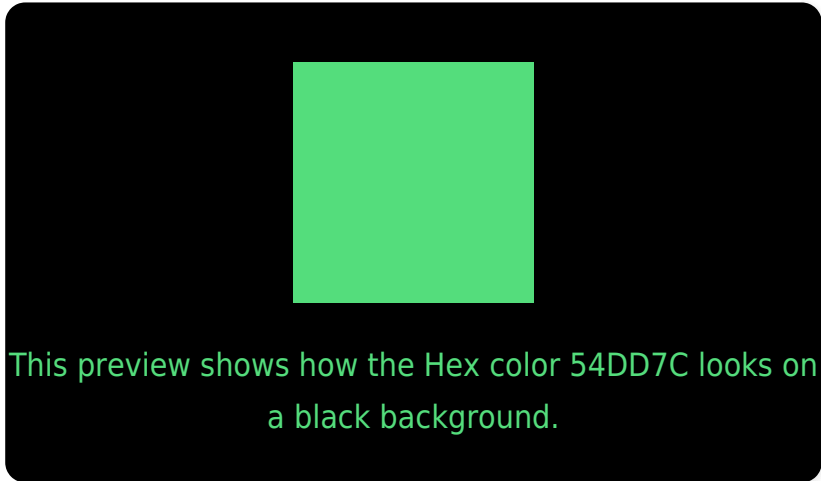
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

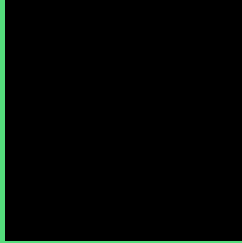
Any Text WCAG AA ✓ Pass

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 54DD7C Background



This preview shows how black text looks on a background with the Hex color 54DD7C.

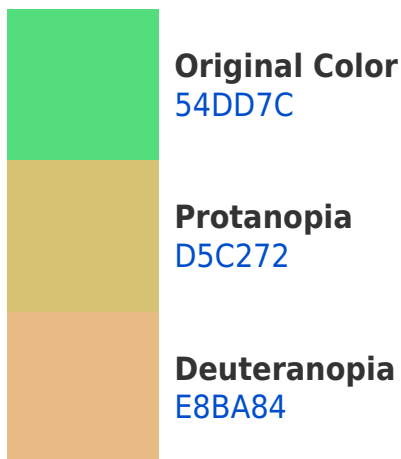


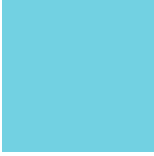
This preview shows how white text looks on a background with the Hex color 54DD7C.

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](#).

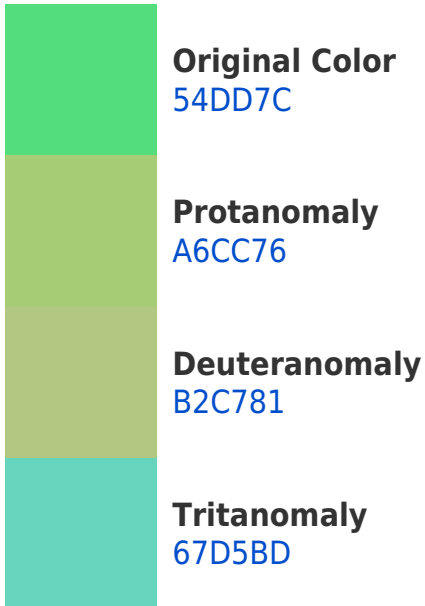
Dichromacy



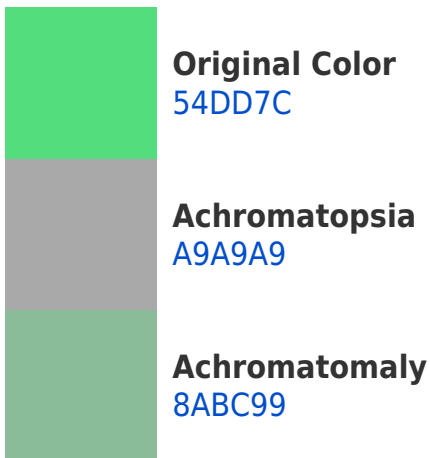


Tritanopia
72D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 54DD7C 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 #54DD7C looks like.

```
.text, #text, p{  
    color:#54DD7C  
}
```

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 #54DD7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54DD7C
}
```

Border

The CSS property to change the border of an element to Hex 54DD7C 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
#54DD7C }
```

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

```
.border{ border-color:#54DD7C }
```

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

Here you see how a box with a 4 pixel #54DD7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54DD7C; -webkit-box-shadow:4px 4px  
4px 4px #54DD7C; box-shadow:4px 4px 4px  
4px #54DD7C }
```

Background

The CSS property to change the background color of an element to Hex 54DD7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54DD7C }
```

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

```
.background{ background-color:#54DD7C }
```

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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