

Converting Colors

Hex(54D7BF)

Have a look what the booklet for
Hex(54D7BF) contains.

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Color

Hex(54D7BF)

Conversions

Conversions Part 1

Format	Color
Hex	54D7BF
RGB	84, 215, 191
RGB Percent	33%, 84%, 75%
CMY	0.6706, 0.1569, 0.2510
CMYK	0.61, 0.00, 0.11, 0.16
HSL	169°, 62%, 59%
HSV	169°, 61%, 84%
XYZ	37.3606, 54.2473, 57.7919
YIQ	173.0950, -70.3720, -35.2360

Conversions

Conversions Part 2

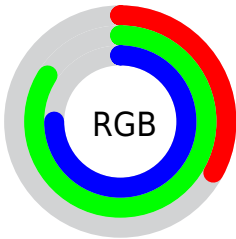
Format	Color
RYB	84, 156, 215
Decimal	5560255
CIELab	78.61, -41.52, 1.18
CIELCh	79, 41.535, 178.370
Yxy	54.2473, 0.2501, 0.3631
Android (android.graphics.Color)	4283750335 (0xFF54D7BF)
YUV	173.0950, 8.8272, -78.1363
Hunter-Lab	73.6528, -38.3477, 5.0348

Details

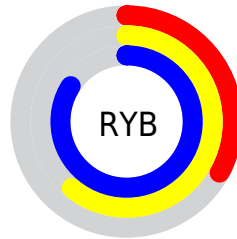
The Hex color **54D7BF** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **D7546C**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **92FFF7**, and **009F8A** is the 20% darker color. If you saturate the color by 10%, you get **3FD7BB**, and if you desaturate by 10%, it is **6AD7C3**.

Distribution



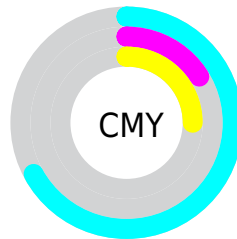
- Red (33%)
- Green (84%)
- Blue (75%)



- Red (33%)
- Yellow (61%)
- Blue (84%)



- Cyan (61%)
- Magenta (0%)
- Yellow (11%)
- Black (16%)



- Cyan (67%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54D7BF 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 54D7BF by changing the saturation by 10% instead.

 54D7BF

 54D7BF

FFFFFF

 30BBA4

 92FFF7

 009F8A

 B0FFFF

 008570

 CEFFFF

 006B58

 ECFFFF

 005241

 003A2B

 002516

 000000

 54D7BF

 54D7BF

 3FD7BB

 6AD7C3

 29D7B7

 7FD7C7

 14D7B3

 95D7CB

 00D7B0

 AAD7CF

 C0D7D3

 D5D7D7

 EBD7DB

 FFD7DF

 FFD7E2

Harmonies

Analogous

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



88D399



54D7BF



1CD6E6

Triad

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



54D7BF



C4B9FF



FCB282

Complementary

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



54D7BF



D7546C

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.



FFA7A0



54D7BF



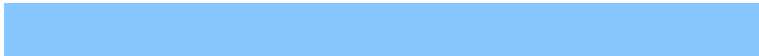
F1ACEC

Square

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



54D7BF



87C7FF



FFA5C6



DEBF75

Rectangle

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



54D7BF



2AD3FB



FFA5C6



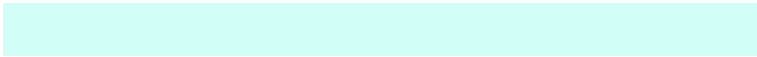
FFAE8A

Sweetspot

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



54D7BF



D1FFF7



6CD754



63807A



000000



808080

Same Dimension

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



54D7BF



45FFDD



54AED7



606B69



00AB8C



002B23

Inverse Universe

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



D7546C



FF4567



D77D54



6B6062



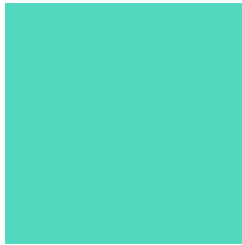
AB001F



2B0008

Previews

White Background



This preview shows how the Hex color 54D7BF looks on a white background.

Color Contrast Check

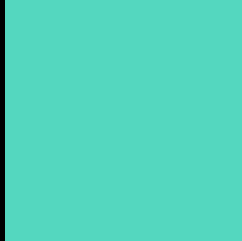
Large Text (above 18pt) WCAG AA × Fail

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 54D7BF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

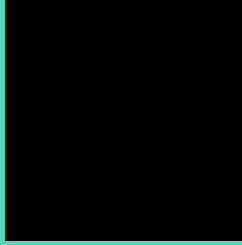
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

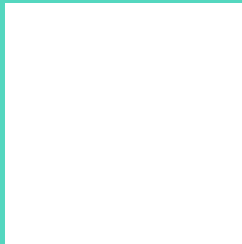
Any Text WCAG AAA ✓ Pass

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

Hex 54D7BF Background



This preview shows how black text looks on a background with the Hex color 54D7BF.

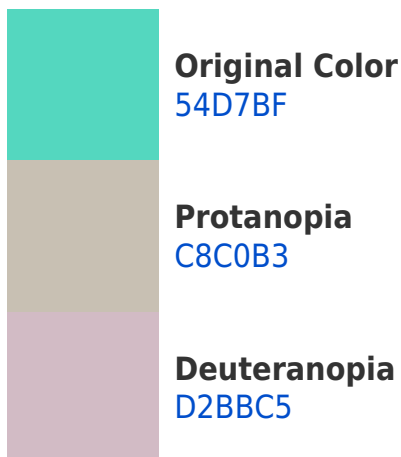


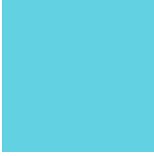
This preview shows how white text looks on a background with the Hex color 54D7BF.

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
62D2E3

Trichromacy



Original Color
54D7BF



Protanomaly
9EC8B7



Deuteranomaly
A4C5C3

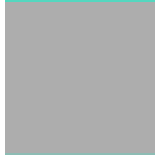


Tritanomaly
5DD4D6

Monochromacy



Original Color
54D7BF



Achromatopsia
ADADAD



Achromatomaly
8DBCBA

CSS Examples

Text

The CSS property to change the color of the text to Hex 54D7BF 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 #54D7BF looks like.

```
.text, #text, p{  
  color:#54D7BF  
}
```

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 #54D7BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54D7BF  
}
```

Border

The CSS property to change the border of an element to Hex 54D7BF 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  
#54D7BF }
```

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

```
.border{ border-color:#54D7BF }
```

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

Here you see how a box with a 4 pixel #54D7BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54D7BF; -webkit-box-shadow:4px 4px  
4px 4px #54D7BF; box-shadow:4px 4px 4px  
4px #54D7BF }
```

Background

The CSS property to change the background color of an element to Hex 54D7BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54D7BF }
```

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

```
.background{ background-color:#54D7BF }
```

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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