

Converting Colors

Hex(54D8D8)

Have a look what the booklet for
Hex(54D8D8) contains.

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Color

Hex(54D8D8)

Conversions

Conversions Part 1

Format	Color
Hex	54D8D8
RGB	84, 216, 216
RGB Percent	33%, 85%, 85%
CMY	0.6706, 0.1529, 0.1529
CMYK	0.61, 0.00, 0.00, 0.15
HSL	180°, 63%, 59%
HSV	180°, 61%, 85%
XYZ	40.6067, 55.9544, 73.6258
YIQ	176.5320, -78.6720, -27.9840

Conversions

Conversions Part 2

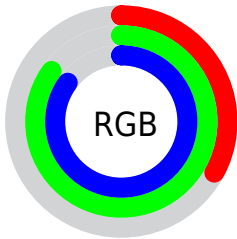
Format	Color
RYB	84, 150, 216
Decimal	5560536
CIELab	79.59, -35.44, -10.74
CIElCh	80, 37.028, 196.857
Yxy	55.9544, 0.2386, 0.3288
Android (android.graphics.Color)	4283750616 (0xFF54D8D8)
YUV	176.5320, 19.4577, -81.1506
Hunter-Lab	74.8027, -34.0058, -5.9953

Details

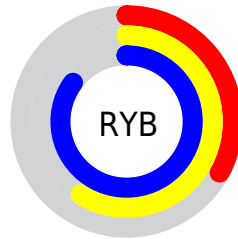
The Hex color **54D8D8** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D85454**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **93FFFF**, and **00A1A1** is the 20% darker color. If you saturate the color by 10%, you get **3ED8D8**, and if you desaturate by 10%, it is **6AD8D8**.

Distribution



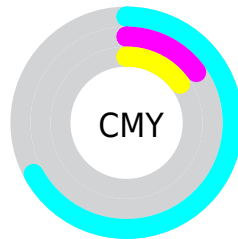
- Red (33%)
- Green (85%)
- Blue (85%)



- Red (33%)
- Yellow (59%)
- Blue (85%)



- Cyan (61%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (67%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54D8D8 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 54D8D8 by changing the saturation by 10% instead.

 54D8D8

 54D8D8

FFFFFF

 2EBCBC

 93FFFF

 00A1A1

 B2FFFF

 008687

 D0FFFF

 006C6E

 EEEFFF

 005356

 003B3E

 002628

 000115

 000000

 54D8D8

 54D8D8

 3ED8D8

 6AD8D8

 29D8D8

 7FD8D8

 13D8D8

 95D8D8

 00D8D8

 AAD8D8

 C0D8D8

 D6D8D8

 EBD8D8

 FFD8D8

Harmonies

Analogous

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



79D7B4



54D8D8



53D5F6

Triad

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



54D8D8



E2B6F5



EABE82

Complementary

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



54D8D8



D85454

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.



FFB394



54D8D8



FFADD6

Square

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



54D8D8



B4C2FF



FFACB3



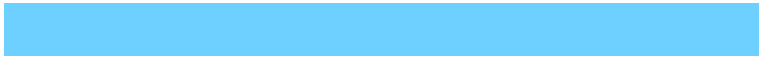
C9C982

Rectangle

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



54D8D8



6DD0FF



FFACB3



F4BA87

Sweetspot

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



54D8D8



D1FFFF



54D854



638080



000000



808080

Same Dimension

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



54D8D8



45FFFF



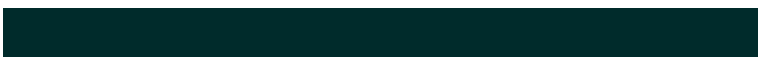
5496D8



606B6B



00ABAB



002B2B

Inverse Universe

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



D854D8



FF45FF



D89654



6B606B



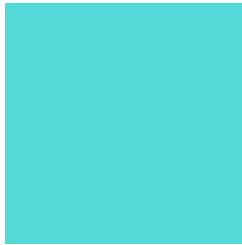
AB00AB



2B002B

Previews

White Background



This preview shows how the Hex color 54D8D8 looks on a white background.

Color Contrast Check

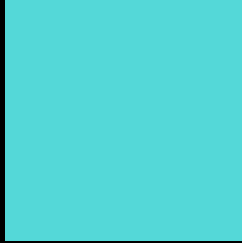
Large Text (above 18pt) WCAG AA × Fail

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 54D8D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

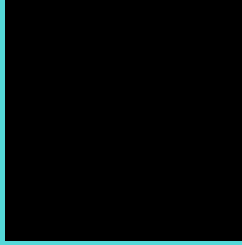
Any Text WCAG AA ✓ Pass

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 54D8D8 Background



This preview shows how black text looks on a background with the Hex color 54D8D8.

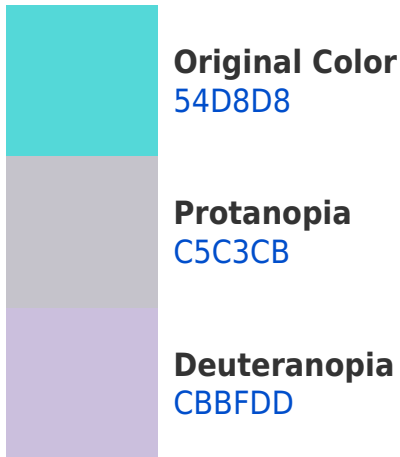


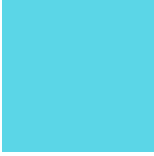
This preview shows how white text looks on a background with the Hex color 54D8D8.

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
5BD6E7

Trichromacy



Original Color
54D8D8



Protanomaly
9CCBD0



Deuteranomaly
A0C8DB

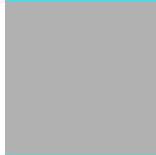


Tritanomaly
58D7E2

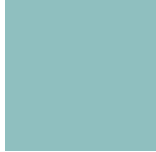
Monochromacy



Original Color
54D8D8



Achromatopsia
B1B1B1



Achromatomaly
8FBFBF

CSS Examples

Text

The CSS property to change the color of the text to Hex 54D8D8 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 #54D8D8 looks like.

```
.text, #text, p{  
    color:#54D8D8  
}
```

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 #54D8D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54D8D8
}
```

Border

The CSS property to change the border of an element to Hex 54D8D8 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
#54D8D8 }
```

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

```
.border{ border-color:#54D8D8 }
```

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

Here you see how a box with a 4 pixel #54D8D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54D8D8; -webkit-box-shadow:4px 4px  
4px 4px #54D8D8; box-shadow:4px 4px 4px  
4px #54D8D8 }
```

Background

The CSS property to change the background color of an element to Hex 54D8D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54D8D8 }
```

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

```
.background{ background-color:#54D8D8 }
```

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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