

Converting Colors

Hex(54D7CB)

Have a look what the booklet for
Hex(54D7CB) contains.

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Color

Hex(54D7CB)

Conversions

Conversions Part 1

Format	Color
Hex	54D7CB
RGB	84, 215, 203
RGB Percent	33%, 84%, 80%
CMY	0.6706, 0.1569, 0.2039
CMYK	0.61, 0.00, 0.06, 0.16
HSL	175°, 62%, 59%
HSV	175°, 61%, 84%
XYZ	38.7361, 54.7975, 65.0353
YIQ	174.4630, -74.2240, -31.5040

Conversions

Conversions Part 2

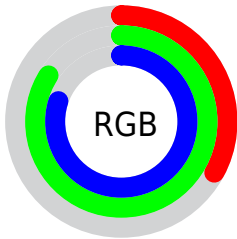
Format	Color
RYB	84, 153, 215
Decimal	5560267
CIELab	78.92, -38.45, -4.77
CIELCh	79, 38.746, 187.071
Yxy	54.7975, 0.2443, 0.3456
Android (android.graphics.Color)	4283750347 (0xFF54D7CB)
YUV	174.4630, 14.0687, -79.3361
Hunter-Lab	74.0253, -36.1386, -0.2718

Details

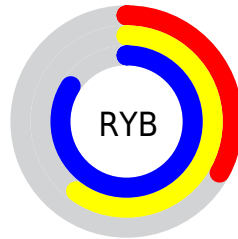
The Hex color **54D7CB** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D75460**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **92FFFF**, and **00A095** is the 20% darker color. If you saturate the color by 10%, you get **3FD7C9**, and if you desaturate by 10%, it is **6AD7CD**.

Distribution



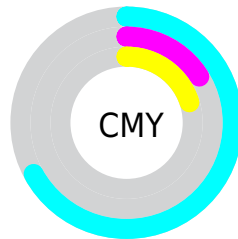
- Red (33%)
- Green (84%)
- Blue (80%)



- Red (33%)
- Yellow (60%)
- Blue (84%)



- Cyan (61%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (67%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54D7CB 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 54D7CB by changing the saturation by 10% instead.

 54D7CB

 54D7CB

FFFFFF

 2FB8B0

 92FFFF

 00A095

 B0FFFF

 00857B

 CFFFFFF

 006B62

 EDFFFF

 00524B

 003A34

 00261F

 000007

 000000

 54D7CB

 54D7CB

 3FD7C9

 6AD7CD

 29D7C7

 7FD7CF

 14D7C5

 95D7D1

 00D7C3

 AAD7D3

 C0D7D5

 D5D7D7

 EBD7D9

 FFD7DB

 FFD7DD

Harmonies

Analogous

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



81D5A6



54D7CB



3DD5EE

Triad

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



54D7CB



D3B7FD



F3B882

Complementary

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



54D7CB



D75460

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.



FFAD9A



54D7CB



F8ACE0

Square

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



54D7CB



9FC4FF



FFA8BC



D3C47B

Rectangle

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



54D7CB



53D1FF



FFA8BC



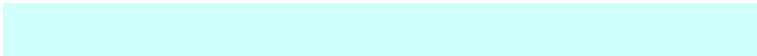
FBB488

Sweetspot

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



54D7CB



D1FFFB



61D754



63807D



000000



808080

Same Dimension

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



54D7CB



45FFEE



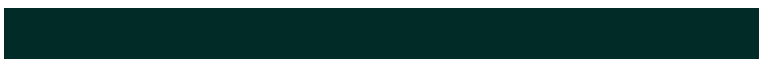
54A3D7



606B6A



00AB9B



002B27

Inverse Universe

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



D75460



FF4556



D78854



6B6061



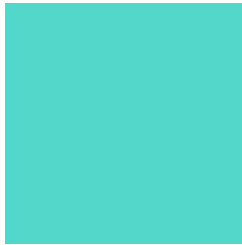
AB0010



2B0004

Previews

White Background



This preview shows how the Hex color 54D7CB looks on a white background.

Color Contrast Check

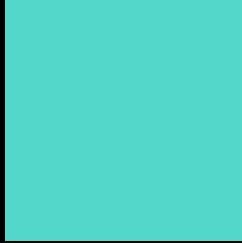
Large Text (above 18pt) WCAG AA × Fail

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 54D7CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

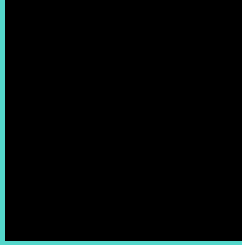
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

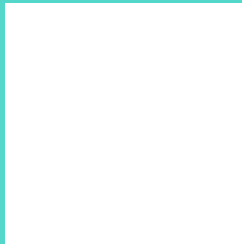
Any Text WCAG AAA ✓ Pass

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

Hex 54D7CB Background



This preview shows how black text looks on a background with the Hex color 54D7CB.

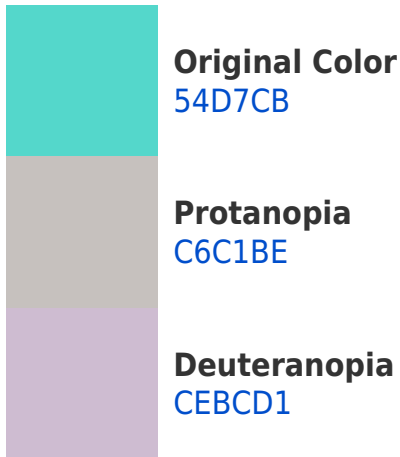


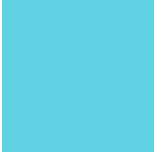
This preview shows how white text looks on a background with the Hex color 54D7CB.

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
5FD3E4

Trichromacy



Original Color
54D7CB



Protanomaly
9DC9C3



Deuteranomaly
A2C6CF

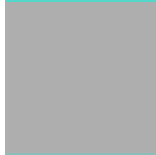


Tritanomaly
5BD4DB

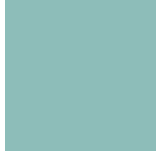
Monochromacy



Original Color
54D7CB



Achromatopsia
AEAEAE



Achromatomaly
8DBDB9

CSS Examples

Text

The CSS property to change the color of the text to Hex 54D7CB 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 #54D7CB looks like.

```
.text, #text, p{  
    color:#54D7CB  
}
```

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 #54D7CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54D7CB
}
```

Border

The CSS property to change the border of an element to Hex 54D7CB 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
#54D7CB }
```

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

```
.border{ border-color:#54D7CB }
```

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

Here you see how a box with a 4 pixel #54D7CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54D7CB; -webkit-box-shadow:4px 4px  
4px 4px #54D7CB; box-shadow:4px 4px 4px  
4px #54D7CB }
```

Background

The CSS property to change the background color of an element to Hex 54D7CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54D7CB }
```

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

```
.background{ background-color:#54D7CB }
```

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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