

Converting Colors

Hex(57D2BB)

Have a look what the booklet for
Hex(57D2BB) contains.

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Color

Hex(57D2BB)

Conversions

Conversions Part 1

Format	Color
Hex	57D2BB
RGB	87, 210, 187
RGB Percent	34%, 82%, 73%
CMY	0.6588, 0.1765, 0.2667
CMYK	0.59, 0.00, 0.11, 0.18
HSL	169°, 58%, 58%
HSV	169°, 59%, 82%
XYZ	35.9467, 51.7073, 55.0996
YIQ	170.6010, -65.9250, -33.2290

Conversions

Conversions Part 2

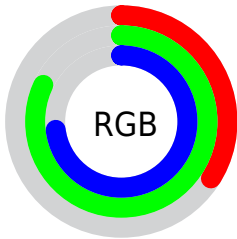
Format	Color
RYB	87, 155, 210
Decimal	5755579
CIELab	77.11, -39.73, 1.15
CIElCh	77, 39.748, 178.343
Yxy	51.7073, 0.2518, 0.3622
Android (android.graphics.Color)	4283945659 (0xFF57D2BB)
YUV	170.6010, 8.0847, -73.3181
Hunter-Lab	71.9078, -36.6064, 4.9042

Details

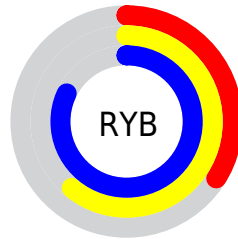
The Hex color **57D2BB** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **D2576E**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **93FFF3**, and **009B86** is the 20% darker color. If you saturate the color by 10%, you get **42D2B7**, and if you desaturate by 10%, it is **6CD2BF**.

Distribution



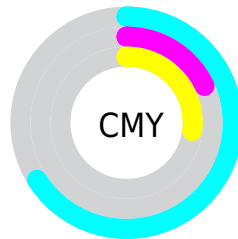
- Red (34%)
- Green (82%)
- Blue (73%)



- Red (34%)
- Yellow (61%)
- Blue (82%)



- Cyan (59%)
- Magenta (0%)
- Yellow (11%)
- Black (18%)



- Cyan (66%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57D2BB 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 57D2BB by changing the saturation by 10% instead.

 57D2BB

 57D2BB

FFFFFF

 35B6A0

 93FFF3

 009B86

 B1FFFF

 00806D

 CFFFFFF

 006754

 EDFFFF

 004E3D

 003628

 002113

 000000

 57D2BB

 57D2BB

 42D2B7

 6CD2BF

 2DD2B3

 81D2C3

 18D2AF

 96D2C7

 03D2AB

 ABD2CB

 00D2AB

 C0D2CF

 D5D2D3

 EAD2D6

 FFD2DA

 FFD2DE

Harmonies

Analogous

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



87CE97



57D2BB



2CD1E0

Triad

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



57D2BB



C0B6FF



F6AF81

Complementary

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



57D2BB



D2576E

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.



FFA59D



57D2BB



EBA9E6

Square

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



57D2BB



86C3FF



FFA2C2



D9BB74

Rectangle

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



57D2BB



36CFF4



FFA2C2



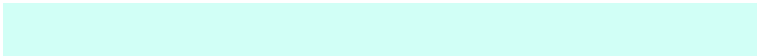
FDAB89

Sweetspot

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



57D2BB



D1FFF6



70D257



63807A



000000



808080

Same Dimension

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



57D2BB



4DFFDE



57ADD2



5E6967



00A889



002921

Inverse Universe

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



D2576E



FF4D6E



D27C57



695E60



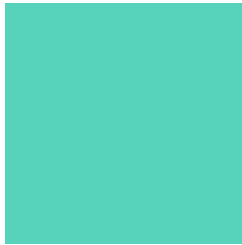
A8001F



290008

Previews

White Background



This preview shows how the Hex color 57D2BB looks on a white background.

Color Contrast Check

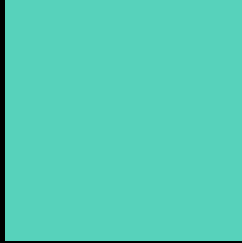
Large Text (above 18pt) WCAG AA × Fail

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 57D2BB 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

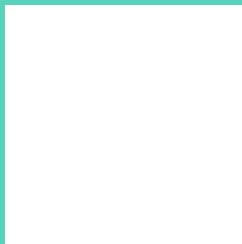
Any Text WCAG AAA ✓ Pass

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

Hex 57D2BB Background



This preview shows how black text looks on a background with the Hex color 57D2BB.

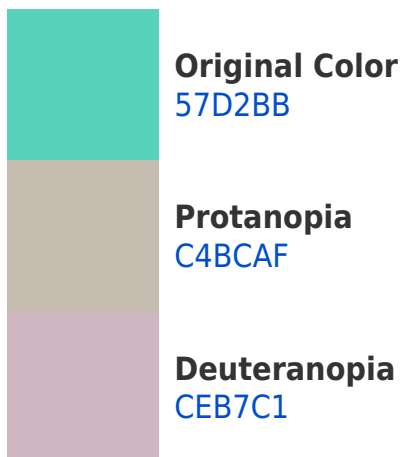


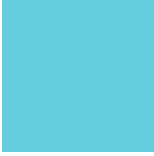
This preview shows how white text looks on a background with the Hex color 57D2BB.

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
64CDDE

Trichromacy



Original Color
57D2BB



Protanomaly
9CC4B3



Deuteranomaly
A3C1BF

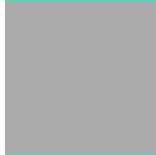


Tritanomaly
5FCFD1

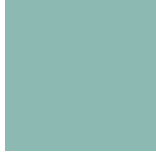
Monochromacy



Original Color
57D2BB



Achromatopsia
ABABAB



Achromatomaly
8CB9B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 57D2BB 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 #57D2BB looks like.

```
.text, #text, p{  
    color:#57D2BB  
}
```

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 #57D2BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57D2BB
}
```

Border

The CSS property to change the border of an element to Hex 57D2BB 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
#57D2BB }
```

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

```
.border{ border-color:#57D2BB }
```

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

Here you see how a box with a 4 pixel #57D2BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57D2BB; -webkit-box-shadow:4px 4px  
4px 4px #57D2BB; box-shadow:4px 4px 4px  
4px #57D2BB }
```

Background

The CSS property to change the background color of an element to Hex 57D2BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57D2BB }
```

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

```
.background{ background-color:#57D2BB }
```

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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