

# Converting Colors

Hex(55D4BD)

Have a look what the booklet for  
Hex(55D4BD) contains.

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**Color**

**Hex(55D4BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55D4BD
RGB	85, 212, 189
RGB Percent	33%, 83%, 74%
CMY	0.6667, 0.1686, 0.2588
CMYK	0.60, 0.00, 0.11, 0.17
HSL	169°, 60%, 58%
HSV	169°, 60%, 83%
XYZ	36.4751, 52.6924, 56.3923
YIQ	171.4050, -68.3090, -34.0770

# Conversions

## Conversions Part 2

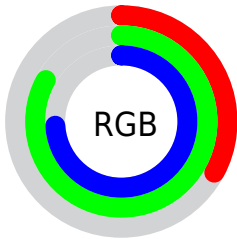
Format	Color
<a href="#">RYB</a>	<a href="#">85, 155, 212</a>
Decimal	<a href="#">5625021</a>
CIELab	<a href="#">77.69, -40.50, 0.93</a>
CIELCh	<a href="#">78, 40.512, 178.691</a>
Yxy	<a href="#">52.6924, 0.2506, 0.3620</a>
Android (android.graphics.Color)	<a href="#">4283815101 (0xFF55D4BD)</a>
YUV	<a href="#">171.4050, 8.6743, -75.7772</a>
Hunter-Lab	<a href="#">72.5895, -37.3382, 4.7523</a>

# Details

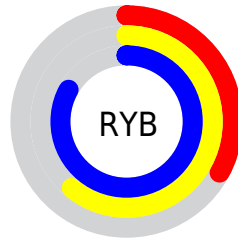
The Hex color **55D4BD** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **D4556C**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **92FFF5**, and **009D88** is the 20% darker color. If you saturate the color by 10%, you get **40D4B9**, and if you desaturate by 10%, it is **6AD4C1**.

# Distribution



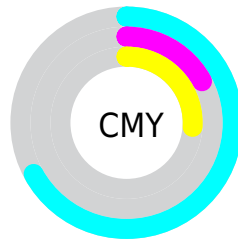
- Red (33%)
- Green (83%)
- Blue (74%)



- Red (33%)
- Yellow (61%)
- Blue (83%)



- Cyan (60%)
- Magenta (0%)
- Yellow (11%)
- Black (17%)



- Cyan (67%)
- Magenta (17%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55D4BD 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 55D4BD by changing the saturation by 10% instead.



 55D4BD

 55D4BD

FFFFFF

 32B8A2

 92FFF5

 009D88

 B0FFFF

 00826E

 CEFFFF

 006856

 ECFFFF

 004F3F

 003729

 002215

 000000

 55D4BD

 55D4BD

 40D4B9

 6AD4C1

 2BD4B5

 7FD4C5

 15D4B1

 95D4C9

 00D4AE

 AAD4CC

 BFD4D0

 D4D4D4

 E9D4D8

 FFD4DC

 FFD4E0

# Harmonies

## Analogous

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



87D098



55D4BD



25D3E3

# Triad

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



55D4BD



C2B7FF



F8B081

# Complementary

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



55D4BD



D4556C

# 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.



FFA69E



55D4BD



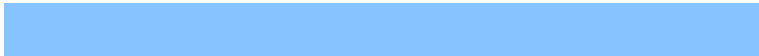
EEAAE8

# Square

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



55D4BD



87C4FF



FFA3C3



DABD74

# Rectangle

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



55D4BD



32D0F7



FFA3C3



FFAC89

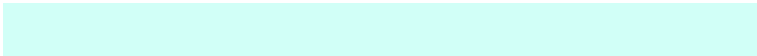


# Sweetspot

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



55D4BD



D1FFF7



6CD455



63807A



000000



808080



# Same Dimension

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



55D4BD



47FFDE



55ACD4



606B69



00AB8C



002B23



# Inverse Universe

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



D4556C



FF4769



D47D55



6B6062



AB001F

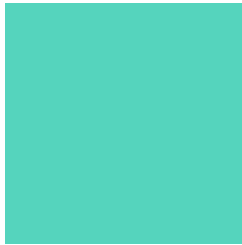


2B0008



# Previews

## White Background



This preview shows how the Hex color 55D4BD looks on a white background.

## Color Contrast Check

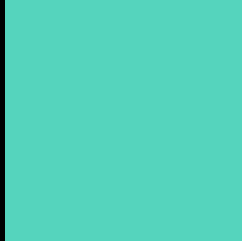
Large Text (above 18pt) WCAG AA × Fail

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 55D4BD 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 55D4BD Background



This preview shows how black text looks on a background with the Hex color 55D4BD.

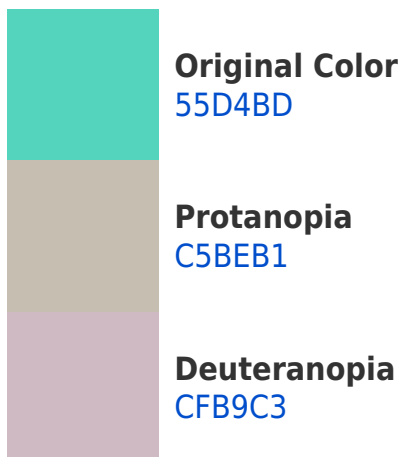


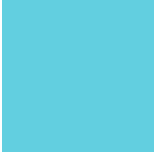
This preview shows how white text looks on a background with the Hex color 55D4BD.

# 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**  
62CFE0

# Trichromacy



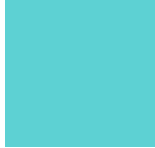
**Original Color**  
55D4BD



**Protanomaly**  
9CC6B5



**Deuteranomaly**  
A3C3C1

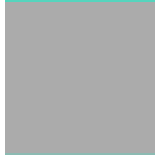


**Tritanomaly**  
5DD1D3

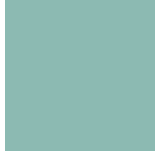
# Monochromacy



**Original Color**  
55D4BD



**Achromatopsia**  
ABABAB



**Achromatomaly**  
8CBAB2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55D4BD 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 #55D4BD looks like.

```
.text, #text, p{  
    color:#55D4BD  
}
```

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 #55D4BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55D4BD
}
```

## Border

The CSS property to change the border of an element to Hex 55D4BD 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
#55D4BD }
```

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

```
.border{ border-color:#55D4BD }
```

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

Here you see how a box with a 4 pixel #55D4BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55D4BD; -webkit-box-shadow:4px 4px  
4px 4px #55D4BD; box-shadow:4px 4px 4px  
4px #55D4BD }
```

# Background

The CSS property to change the background color of an element to Hex 55D4BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55D4BD }
```

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

```
.background{ background-color:#55D4BD }
```

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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