

Converting Colors

Hex(55CEB1)

Have a look what the booklet for
Hex(55CEB1) contains.

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Color

Hex(55CEB1)

Conversions

Conversions Part 1

Format	Color
Hex	55CEB1
RGB	85, 206, 177
RGB Percent	33%, 81%, 69%
CMY	0.6667, 0.1922, 0.3059
CMYK	0.59, 0.00, 0.14, 0.19
HSL	166°, 55%, 57%
HSV	166°, 59%, 81%
XYZ	33.7534, 49.2482, 49.3218
YIQ	166.5150, -62.8070, -34.6710

Conversions

Conversions Part 2

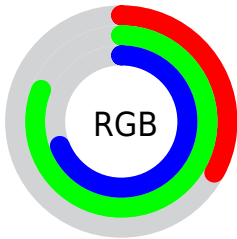
Format	Color
RYB	85, 154, 206
Decimal	5623473
CIELab	75.61, -40.78, 4.34
CIELCh	76, 41.006, 173.923
Yxy	49.2482, 0.2551, 0.3722
Android (android.graphics.Color)	4283813553 (0xFF55CEB1)
YUV	166.5150, 5.1691, -71.4887
Hunter-Lab	70.1771, -36.9558, 7.4538

Details

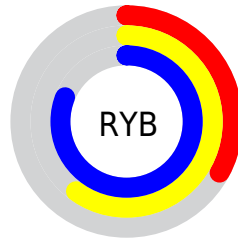
The Hex color **55CEB1** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **CE5572**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **91FFE9**, and **00977C** is the 20% darker color. If you saturate the color by 10%, you get **40CEAC**, and if you desaturate by 10%, it is **6ACEB6**.

Distribution



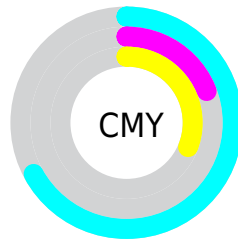
- Red (33%)
- Green (81%)
- Blue (69%)



- Red (33%)
- Yellow (60%)
- Blue (81%)



- Cyan (59%)
- Magenta (0%)
- Yellow (14%)
- Black (19%)



- Cyan (67%)
- Magenta (19%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55CEB1 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 55CEB1 by changing the saturation by 10% instead.

 55CEB1

 55CEB1

FFFFFF

 34B296

 91FFE9

 00977C

 AEFFFF

 007C64

 CCFFFF

 00634C

 EAFFFF

 004A35

 003220

 001C09

 000000

 55CEB1

 55CEB1

 40CEAC

 6ACEB6

 2CCEA7

 7ECEBB

 17CEA2

 93CEC0

 03CE9D

 A7CEC5

 00CE9D

 BCCECA

 D1CECF

 E5CED4

 FACED8

 FFCEDD

Harmonies

Analogous

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



88CA8C



55CEB1



13CED8

Triad

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



55CEB1



B3B3FF



F6A87E

Complementary

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



55CEB1



CE5572

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.



FF9F9E



55CEB1



E3A6E7

Square

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



55CEB1



75C0FF



FE9DC4



DAB56F

Rectangle

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



55CEB1



0FCCEE



FE9DC4



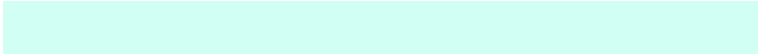
FDA488

Sweetspot

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



55CEB1



D1FFF4



73CE55



638079



000000



808080

Same Dimension

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



55CEB1



4DFFD4



55B0CE



5C6664



00A67E



00261D

Inverse Universe

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



CE5572



FF4D77



CE7355



665C5E



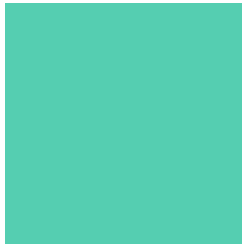
A60028



260009

Previews

White Background



This preview shows how the Hex color 55CEB1 looks on a white background.

Color Contrast Check

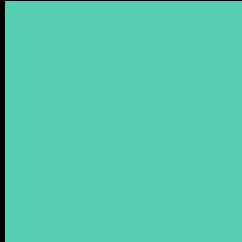
Large Text (above 18pt) WCAG AA × Fail

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 55CEB1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

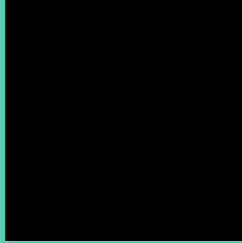
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

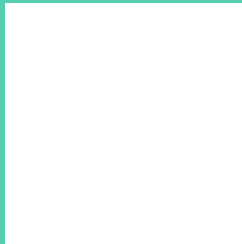
Any Text WCAG AAA ✓ Pass

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

Hex 55CEB1 Background



This preview shows how black text looks on a background with the Hex color 55CEB1.

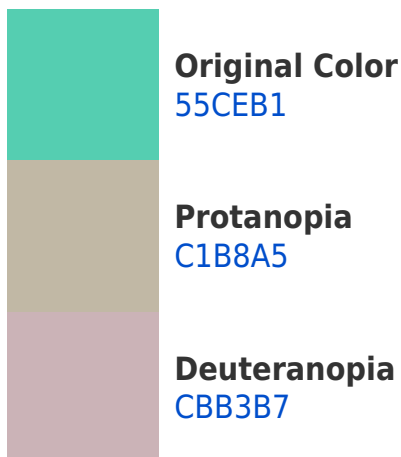


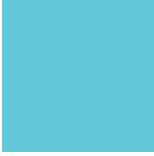
This preview shows how white text looks on a background with the Hex color 55CEB1.

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
63C8D9

Trichromacy



Original Color
55CEB1



Protanomaly
9AC0A9



Deuteranomaly
A0BDB5



Tritanomaly
5ECACA

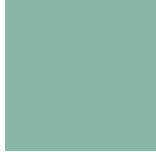
Monochromacy



Original Color
55CEB1



Achromatopsia
A7A7A7



Achromatomaly
89B5AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 55CEB1 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 #55CEB1 looks like.

```
.text, #text, p{  
    color:#55CEB1  
}
```

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 #55CEB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55CEB1
}
```

Border

The CSS property to change the border of an element to Hex 55CEB1 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
#55CEB1 }
```

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

```
.border{ border-color:#55CEB1 }
```

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

Here you see how a box with a 4 pixel #55CEB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55CEB1; -webkit-box-shadow:4px 4px  
4px 4px #55CEB1; box-shadow:4px 4px 4px  
4px #55CEB1 }
```

Background

The CSS property to change the background color of an element to Hex 55CEB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55CEB1 }
```

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

```
.background{ background-color:#55CEB1 }
```

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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