

Converting Colors

Hex(51CEAD)

Have a look what the booklet for
Hex(51CEAD) contains.

Hex(51CEAD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(**51CEAD**)

Conversions

Conversions Part 1

Format	Color
Hex	51CEAD
RGB	81, 206, 173
RGB Percent	32%, 81%, 68%
CMY	0.6824, 0.1922, 0.3216
CMYK	0.61, 0.00, 0.16, 0.19
HSL	164°, 56%, 56%
HSV	164°, 61%, 81%
XYZ	33.0075, 48.9091, 47.2359
YIQ	164.8630, -63.9070, -36.7630

Conversions

Conversions Part 2

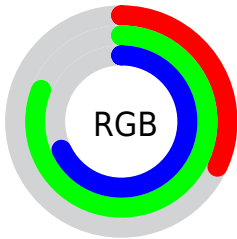
Format	Color
RYB	81, 153, 206
Decimal	5361325
CIELab	75.39, -42.49, 6.17
CIELCh	75, 42.941, 171.733
Yxy	48.9091, 0.2556, 0.3787
Android (android.graphics.Color)	4283551405 (0xFF51CEAD)
YUV	164.8630, 4.0115, -73.5479
Hunter-Lab	69.9350, -38.1390, 8.9085

Details

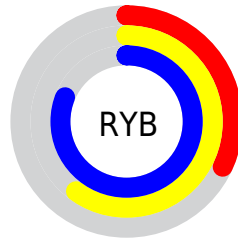
The Hex color **51CEAD** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **CE5172**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **8EFFE4**, and **009779** is the 20% darker color. If you saturate the color by 10%, you get **3CCEA8**, and if you desaturate by 10%, it is **66CEB2**.

Distribution



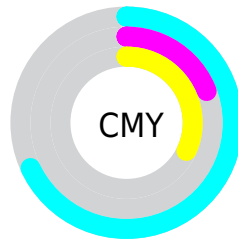
- Red (32%)
- Green (81%)
- Blue (68%)



- Red (32%)
- Yellow (60%)
- Blue (81%)



- Cyan (61%)
- Magenta (0%)
- Yellow (16%)
- Black (19%)



- Cyan (68%)
- Magenta (19%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51CEAD 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 51CEAD by changing the saturation by 10% instead.

 51CEAD

 51CEAD

FFFFFF

 2EB292

 8EFFE4

 009779

 ABFFFF

 007C60

 C9FFFF

 006348

 E7FFFF

 004A32

 00321D

 001C04

 000000

 51CEAD

 51CEAD

 3CCEA8

 66CEB2

 28CEA2

 7ACEB8

 13CE9D

 8FCEBD

 00CE98

 A3CEC3

 B8CEC8

 CDCECE

 E1CED3

 F6CED9

 FFCEDE

Harmonies

Analogous

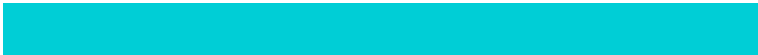
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88C987



51CEAD



00CED6

Triad

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



51CEAD



AEB4FF



FAA67D

Complementary

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



51CEAD



CE5172

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.



FF9C9E



51CEAD



E1A5EB

Square

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



51CEAD



69C1FF



FF9BC6



DDB46B

Rectangle

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



51CEAD



00CCED



FF9BC6



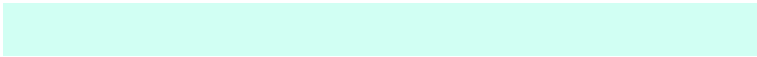
FFA287

Sweetspot

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



51CEAD



D1FFF3



72CE51



638078



000000



808080

Same Dimension

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



51CEAD



45FFCE



51B1CE



5C6663



00A67A



00261C

Inverse Universe

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



CE5172



FF4576



CE6E51



665C5E



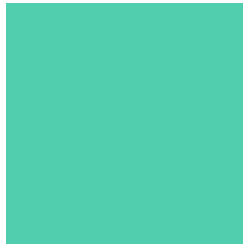
A6002C



26000A

Previews

White Background



This preview shows how the Hex color 51CEAD 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 51CEAD 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 51CEAD Background



This preview shows how black text looks on a background with the Hex color 51CEAD.

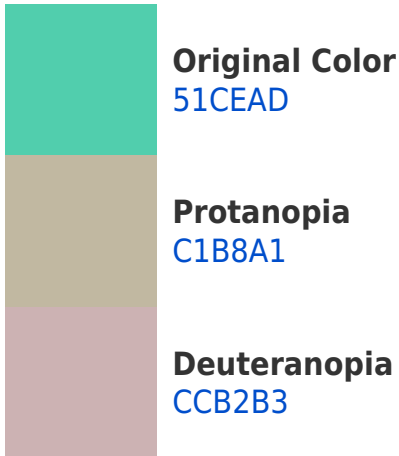


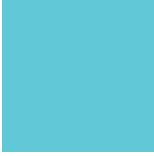
This preview shows how white text looks on a background with the Hex color 51CEAD.

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](#).

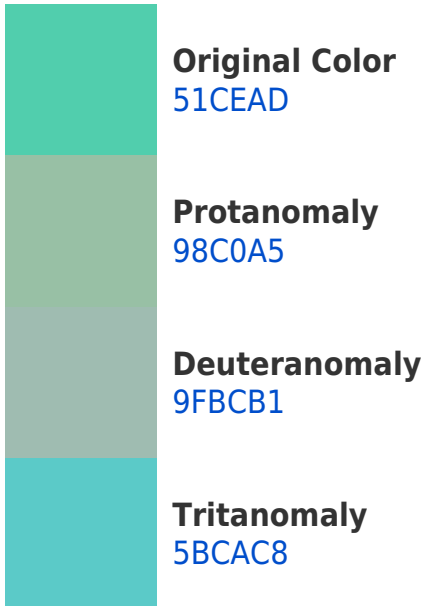
Dichromacy



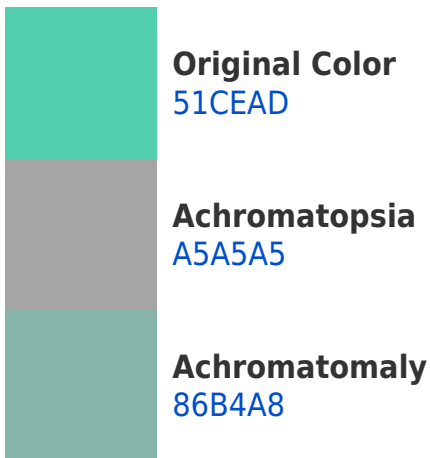


Tritanopia
61C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51CEAD 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 #51CEAD looks like.

```
.text, #text, p{  
    color:#51CEAD  
}
```

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 #51CEAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51CEAD
}
```

Border

The CSS property to change the border of an element to Hex 51CEAD 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
#51CEAD }
```

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

```
.border{ border-color:#51CEAD }
```

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

Here you see how a box with a 4 pixel #51CEAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51CEAD; -webkit-box-shadow:4px 4px  
4px 4px #51CEAD; box-shadow:4px 4px 4px  
4px #51CEAD }
```

Background

The CSS property to change the background color of an element to Hex 51CEAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51CEAD }
```

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

```
.background{ background-color:#51CEAD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor