

Converting Colors

Hex(51CD87)

Have a look what the booklet for
Hex(51CD87) contains.

Hex(51CD87)	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(51CD87)

Conversions

Conversions Part 1

Format	Color
Hex	51CD87
RGB	81, 205, 135
RGB Percent	32%, 80%, 53%
CMY	0.6824, 0.1961, 0.4706
CMYK	0.60, 0.00, 0.34, 0.20
HSL	146°, 55%, 56%
HSV	146°, 60%, 80%
XYZ	29.5978, 47.1612, 30.4647
YIQ	159.9440, -51.4340, -48.0580

Conversions

Conversions Part 2

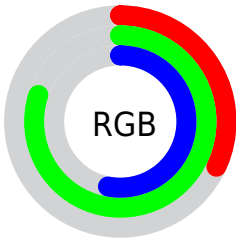
Format	Color
RYB	81, 167, 205
Decimal	5361031
CIELab	74.29, -50.29, 24.87
CIELCh	74, 56.101, 153.688
Yxy	47.1612, 0.2760, 0.4398
Android (android.graphics.Color)	4283551111 (0xFF51CD87)
YUV	159.9440, -12.2974, -69.2339
Hunter-Lab	68.6740, -43.2478, 21.7700

Details

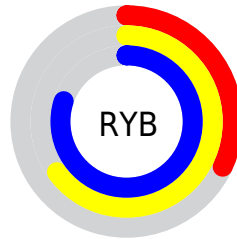
The Hex color **51CD87** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CD5197**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **8DFFBD**, and **009655** is the 20% darker color. If you saturate the color by 10%, you get **3CCD7B**, and if you desaturate by 10%, it is **65CD93**.

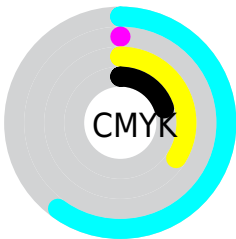
Distribution



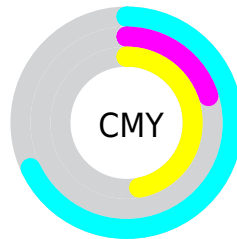
- Red (32%)
- Green (80%)
- Blue (53%)



- Red (32%)
- Yellow (65%)
- Blue (80%)



- Cyan (60%)
- Magenta (0%)
- Yellow (34%)
- Black (20%)



- Cyan (68%)
- Magenta (20%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51CD87 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 51CD87 by changing the saturation by 10% instead.

 51CD87

 51CD87

FFFFFF

 2FB16D

 8DFFBD

 009655

 AAFFD9

 007B3D

 C8FFF5

 006126

 E5FFFF

 004810

 003100

 001800

 000000

 51CD87

 51CD87

 3CCD7B

 65CD93

 28CD70

 7ACD9E

 13CD64

 8FCDA A

 00CD59

 A3CDB5

 B8CDC1

 CCCDCC

 E0CDD8

 F5CDE4

 FFCDEF

Harmonies

Analogous

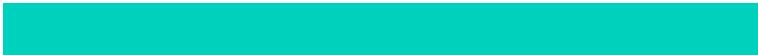
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



99C45D



51CD87



00D1BC

Triad

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



51CD87



63BAFF



FF9280

Complementary

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



51CD87



CD5197

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.



FF8AB2



51CD87



C2A7FF

Square

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



51CD87



00C8FF



FB93E5



F9A35A

Rectangle

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



51CD87



00D0DF



FB93E5



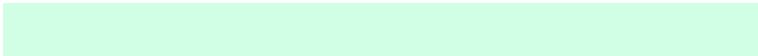
FF8D90

Sweetspot

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



51CD87



D1FFE5



97CD51



638070



000000



808080

Same Dimension

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



51CD87



45FF96



51CDC5



5C6660



00A648



002611

Inverse Universe

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



CD5197



FF45AE



CD5159



665C62



A6005E



260016

Previews

White Background



This preview shows how the Hex color 51CD87 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

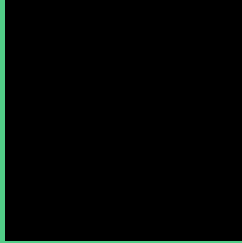
Any Text WCAG AA ✓ Pass

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 51CD87 Background



This preview shows how black text looks on a background with the Hex color 51CD87.

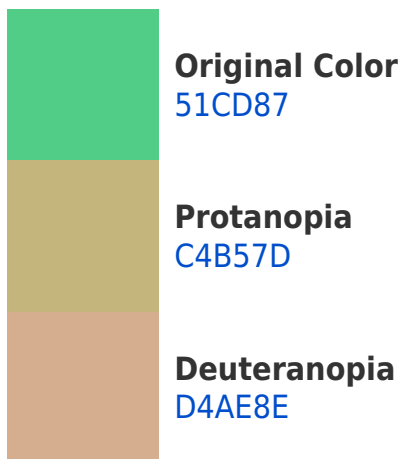


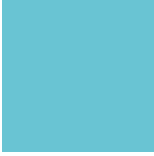
This preview shows how white text looks on a background with the Hex color 51CD87.

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
69C4D3

Trichromacy



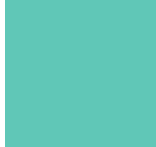
Original Color
51CD87



Protanomaly
9ABE81



Deuteranomaly
A4B98B



Tritanomaly
60C7B7

Monochromacy



Original Color
51CD87



Achromatopsia
A0A0A0



Achromatomaly
83B097

CSS Examples

Text

The CSS property to change the color of the text to Hex 51CD87 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 #51CD87 looks like.

```
.text, #text, p{  
    color:#51CD87  
}
```

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 #51CD87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51CD87
}
```

Border

The CSS property to change the border of an element to Hex 51CD87 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
#51CD87 }
```

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

```
.border{ border-color:#51CD87 }
```

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

Here you see how a box with a 4 pixel #51CD87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51CD87; -webkit-box-shadow:4px 4px  
4px 4px #51CD87; box-shadow:4px 4px 4px  
4px #51CD87 }
```

Background

The CSS property to change the background color of an element to Hex 51CD87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51CD87 }
```

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

```
.background{ background-color:#51CD87 }
```

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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