

Converting Colors

Hex(53CD71)

Have a look what the booklet for
Hex(53CD71) contains.

Hex(53CD71)	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(53CD71)

Conversions

Conversions Part 1

Format	Color
Hex	53CD71
RGB	83, 205, 113
RGB Percent	33%, 80%, 44%
CMY	0.6745, 0.1961, 0.5569
CMYK	0.60, 0.00, 0.45, 0.20
HSL	135°, 55%, 56%
HSV	135°, 60%, 80%
XYZ	28.3792, 46.6939, 23.1399
YIQ	158.0340, -43.1800, -54.4760

Conversions

Conversions Part 2

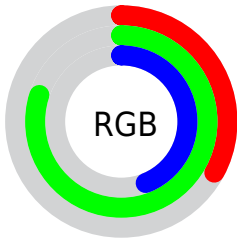
Format	Color
RYB	83, 181, 205
Decimal	5492081
CIELab	73.99, -53.72, 35.81
CIELCh	74, 64.557, 146.311
Yxy	46.6939, 0.2890, 0.4754
Android (android.graphics.Color)	4283682161 (0xFF53CD71)
YUV	158.0340, -22.2018, -65.8048
Hunter-Lab	68.3329, -45.4501, 27.7554

Details

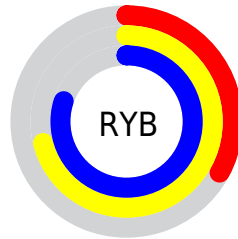
The Hex color **53CD71** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **CD53AF**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **8FFFA6**, and **00963F** is the 20% darker color. If you saturate the color by 10%, you get **3FCD62**, and if you desaturate by 10%, it is **68CD80**.

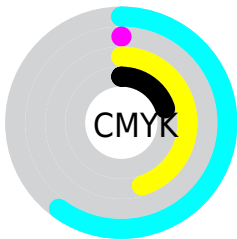
Distribution



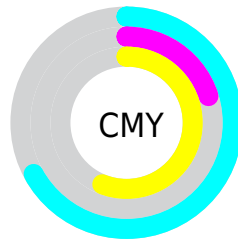
- Red (33%)
- Green (80%)
- Blue (44%)



- Red (33%)
- Yellow (71%)
- Blue (80%)



- Cyan (60%)
- Magenta (0%)
- Yellow (45%)
- Black (20%)



- Cyan (67%)
- Magenta (20%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53CD71 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 53CD71 by changing the saturation by 10% instead.

 53CD71

 53CD71

FFFFFF

 32B158

 8FFFA6

 00963F

 ACFFC2

 007B27

 C9FFDE

 00610D

 E7FFFB

 004800

 003100

 001700

 000000

 53CD71

 53CD71

 3FCD62

 68CD80

 2ACD52

 7CCD90

 16CD43

 91CD9F

 01CD33

 A5CDAF

 00CD32

 BACDBE

 CECDCE

 E3CDDD

 F7CDED

 FFCDFC

Harmonies

Analogous

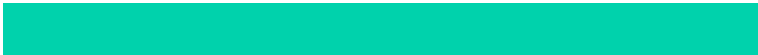
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A2C243



53CD71



00D2AC

Triad

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



53CD71



00BFFF



FF8585

Complementary

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



53CD71



CD53AF

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.



FF80C0



53CD71



ABA9FF

Square

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



53CD71



00CCFF



F790F9



FF9A53

Rectangle

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



53CD71



00D3D5



F790F9



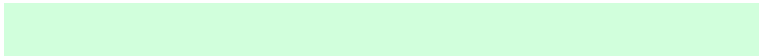
FF8198

Sweetspot

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



53CD71



D1FFDC



B1CD53



63806A



000000



808080

Same Dimension

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



53CD71



4AFF76



53CDAC



5C665E



00A629



002609

Inverse Universe

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



CD53AF



FF4AD2



CD5374



665C63



A6007D



26001D

Previews

White Background



This preview shows how the Hex color 53CD71 looks on a white background.

Color Contrast Check

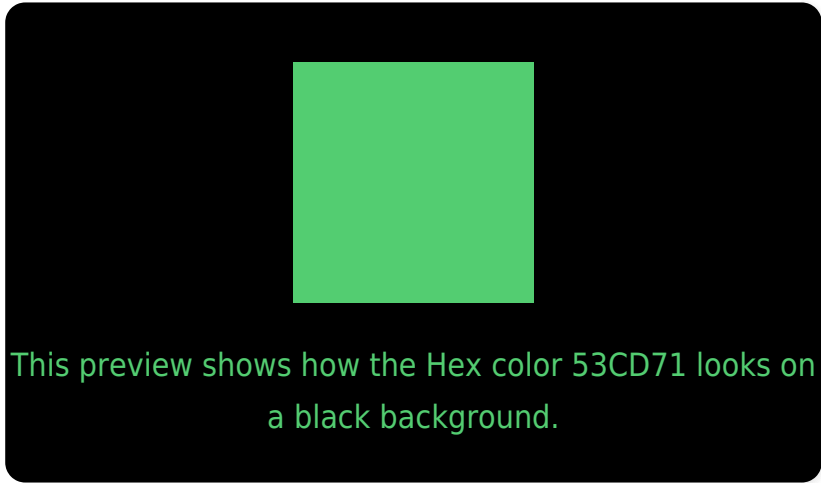
Large Text (above 18pt) WCAG AA × Fail

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

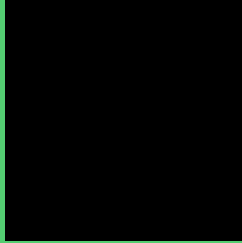
Any Text WCAG AA ✓ Pass

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 53CD71 Background



This preview shows how black text looks on a background with the Hex color 53CD71.

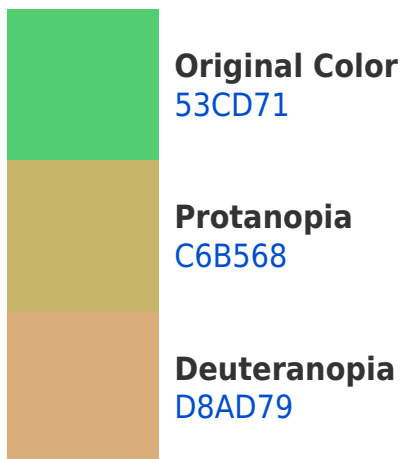


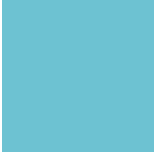
This preview shows how white text looks on a background with the Hex color 53CD71.

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](#).

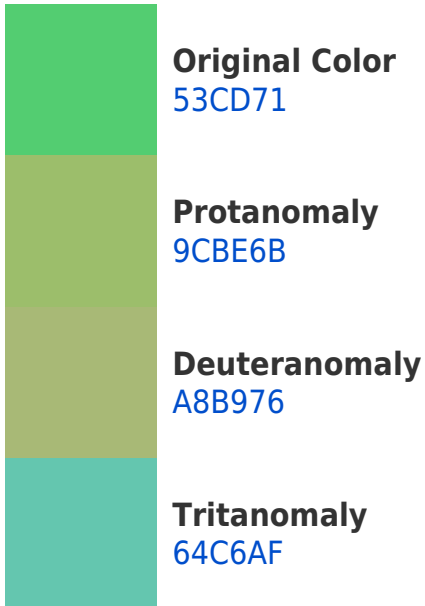
Dichromacy



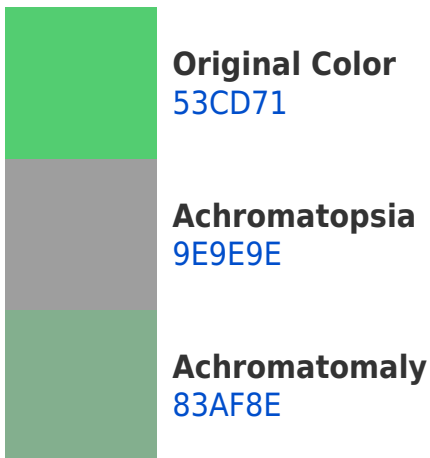


Tritanopia
6DC2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53CD71 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 #53CD71 looks like.

```
.text, #text, p{  
    color:#53CD71  
}
```

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 #53CD71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53CD71
}
```

Border

The CSS property to change the border of an element to Hex 53CD71 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
#53CD71 }
```

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

```
.border{ border-color:#53CD71 }
```

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

Here you see how a box with a 4 pixel #53CD71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53CD71; -webkit-box-shadow:4px 4px  
4px 4px #53CD71; box-shadow:4px 4px 4px  
4px #53CD71 }
```

Background

The CSS property to change the background color of an element to Hex 53CD71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53CD71 }
```

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

```
.background{ background-color:#53CD71 }
```

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