

Converting Colors

Hex(5CCDA3)

Have a look what the booklet for
Hex(5CCDA3) contains.

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Color

Hex(5CCDA3)

Conversions

Conversions Part 1

Format	Color
Hex	5CCDA3
RGB	92, 205, 163
RGB Percent	36%, 80%, 64%
CMY	0.6392, 0.1961, 0.3608
CMYK	0.55, 0.00, 0.20, 0.20
HSL	158°, 53%, 58%
HSV	158°, 55%, 80%
XYZ	32.8558, 48.5823, 42.2960
YIQ	166.4250, -53.8660, -37.0180

Conversions

Conversions Part 2

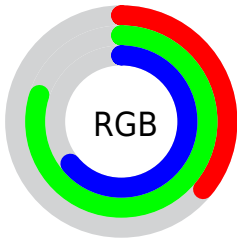
Format	Color
RYB	92, 161, 205
Decimal	6081955
CIELab	75.19, -42.15, 11.30
CIELCh	75, 43.642, 164.999
Yxy	48.5823, 0.2655, 0.3926
Android (android.graphics.Color)	4284272035 (0xFF5CCDA3)
YUV	166.4250, -1.6885, -65.2707
Hunter-Lab	69.7010, -37.8350, 12.8123

Details

The Hex color **5CCDA3** 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 **CD5C86**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **96FFDA**, and **15966F** is the 20% darker color. If you saturate the color by 10%, you get **48CD9B**, and if you desaturate by 10%, it is **71CDAB**.

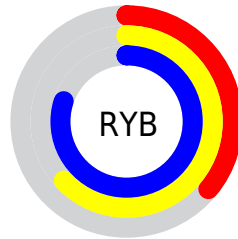
Distribution



Red (36%)

Green (80%)

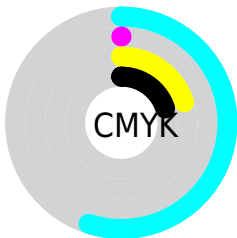
Blue (64%)



Red (36%)

Yellow (63%)

Blue (80%)

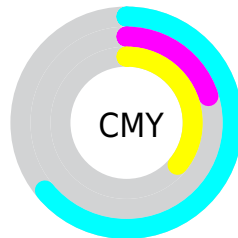


Cyan (55%)

Magenta (0%)

Yellow (20%)

Black (20%)



Cyan (64%)

Magenta (20%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CCDA3 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 5CCDA3 by changing the saturation by 10% instead.

 5CCDA3

 5CCDA3

FFFFFF

 3DB189

 96FFDA

 15966F

 B3FFF6

 007C57

 D1FFFF

 00623F

 EEEFFF

 004929

 003215

 001B00

 000000

 5CCDA3

 5CCDA3

 48CD9B

 71CDAB

 33CD94

 85CDB2

 1FCD8C

 9ACDBA

 0ACD85

 AECDC1

 00CD81

 C3CDC9

 D7CDD1

 EBCDD8

 FFCDE0

 FFCDE8

Harmonies

Analogous

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



92C77F



5CCDA3



00CECD

Triad

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



5CCDA3



9FB6FF



FEA282

Complementary

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



5CCDA3



CD5C86

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.



FF9AA6



5CCDA3



D7A7F2

Square

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



5CCDA3



53C3FF



FA9CCF



E4B06B

Rectangle

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



5CCDA3



00CDE6



FA9CCF



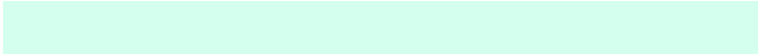
FF9E8D

Sweetspot

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



5CCDA3



D4FFEF



87CD5C



668076



000000



808080

Same Dimension

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



5CCDA3



57FFC0



5CC0CD



5C6662



00A668



002618

Inverse Universe

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



CD5C86



FF5795



CD695C



665C60



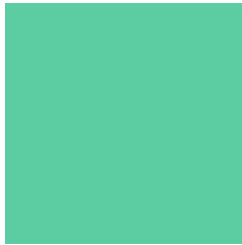
A6003E



26000E

Previews

White Background



This preview shows how the Hex color 5CCDA3 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 5CCDA3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

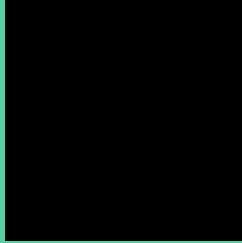
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

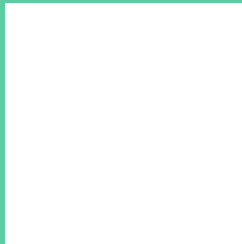
Any Text WCAG AAA ✓ Pass

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

Hex 5CCDA3 Background



This preview shows how black text looks on a background with the Hex color 5CCDA3.

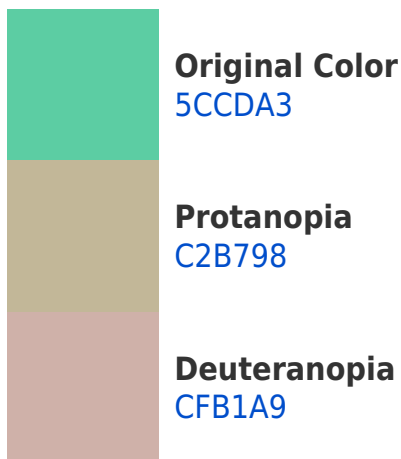


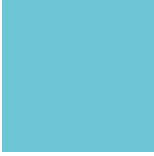
This preview shows how white text looks on a background with the Hex color 5CCDA3.

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](#).

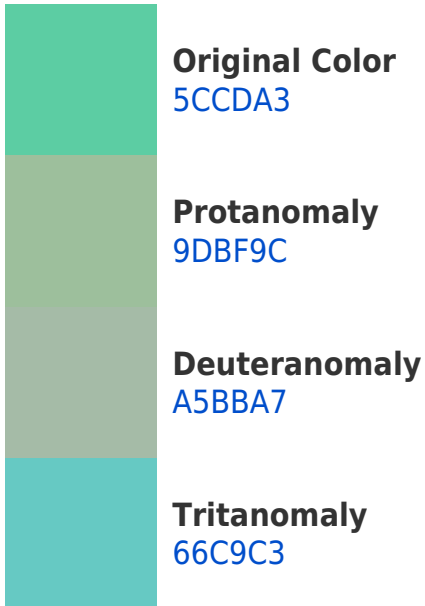
Dichromacy



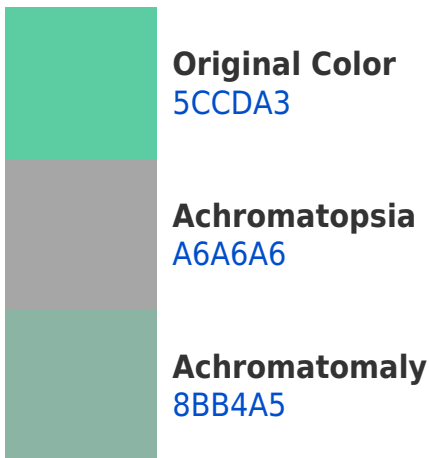


Tritanopia
6CC6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5CCDA3 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 #5CCDA3 looks like.

```
.text, #text, p{  
    color:#5CCDA3  
}
```

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 #5CCDA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CCDA3  
}
```

Border

The CSS property to change the border of an element to Hex 5CCDA3 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  
#5CCDA3 }
```

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

```
.border{ border-color:#5CCDA3 }
```

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

Here you see how a box with a 4 pixel #5CCDA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CCDA3; -webkit-box-shadow:4px 4px  
4px 4px #5CCDA3; box-shadow:4px 4px 4px  
4px #5CCDA3 }
```

Background

The CSS property to change the background color of an element to Hex 5CCDA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CCDA3 }
```

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

```
.background{ background-color:#5CCDA3 }
```

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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