

Converting Colors

Hex(53DAB3)

Have a look what the booklet for
Hex(53DAB3) contains.

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Color

Hex(53DAB3)

Conversions

Conversions Part 1

Format	Color
Hex	53DAB3
RGB	83, 218, 179
RGB Percent	33%, 85%, 70%
CMY	0.6745, 0.1451, 0.2980
CMYK	0.62, 0.00, 0.18, 0.15
HSL	163°, 65%, 59%
HSV	163°, 62%, 85%
XYZ	36.7754, 55.2365, 51.3713
YIQ	173.1890, -67.9410, -40.7490

Conversions

Conversions Part 2

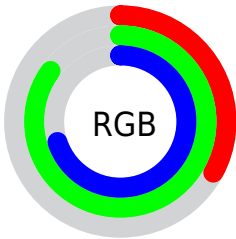
Format	Color
R _Y B	83, 162, 218
Decimal	5495475
CIE Lab	79.18, -45.90, 8.40
CIE LCh	79, 46.667, 169.630
Yxy	55.2365, 0.2565, 0.3852
Android (android.graphics.Color)	4283685555 (0xFF53DAB3)
YUV	173.1890, 2.8648, -79.0958
Hunter-Lab	74.3212, -41.7375, 11.0433

Details

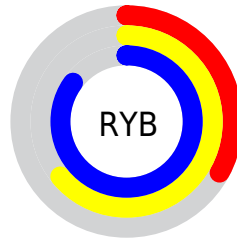
The Hex color **53DAB3** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **DA537A**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **91FFEB**, and **00A27E** is the 20% darker color. If you saturate the color by 10%, you get **3DDAAD**, and if you desaturate by 10%, it is **69DAB9**.

Distribution



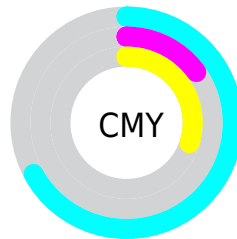
- Red (33%)
- Green (85%)
- Blue (70%)



- Red (33%)
- Yellow (64%)
- Blue (85%)



- Cyan (62%)
- Magenta (0%)
- Yellow (18%)
- Black (15%)



- Cyan (67%)
- Magenta (15%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53DAB3 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 53DAB3 by changing the saturation by 10% instead.

 53DAB3

 53DAB3

FFFFFF

 2FBE98

 91FFEB

 00A27E

 AFFFFFFF

 008765

 CDFFFF

 006D4D

 EBFFFF

 005437

 003B21

 00260B

 000000

 53DAB3

 53DAB3

 3DDAAD

 69DAB9

 27DAA6

 7FDAC0

 12DAA0

 94DAC6

 00DA9B

 AADACC

 C0DAD2

 D6DAD9

 ECDADF

 FFDAE5

 FFDAEC

Harmonies

Analogous

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



91D58A



53DAB3



00DBE0

Triad

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



53DAB3



B2BEFF



FFAD84

Complementary

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



53DAB3



DA537A

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.



FFA3A9



53DAB3



ECAEFD

Square

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



53DAB3



62CDFE



FFA3D5



EDBC6E

Rectangle

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



53DAB3



00D9FA



FFA3D5



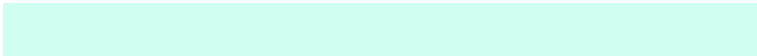
FFA98F

Sweetspot

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



53DAB3



CFFFF1



7BDA53



628077



000000



808080

Same Dimension

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



53DAB3



42FFC8



53BFDA



636E6A



00AD7B



002E21

Inverse Universe

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



DA537A



FF4279



DA6E53



6E6366



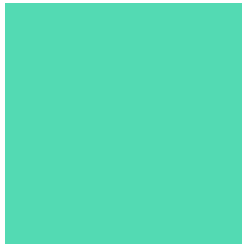
AD0032



2E000D

Previews

White Background



This preview shows how the Hex color 53DAB3 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 53DAB3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

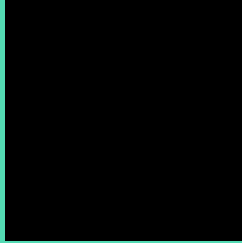
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

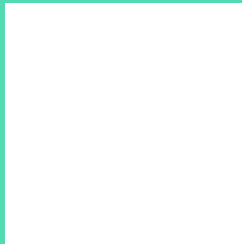
Any Text WCAG AAA ✓ Pass

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

Hex 53DAB3 Background



This preview shows how black text looks on a background with the Hex color 53DAB3.

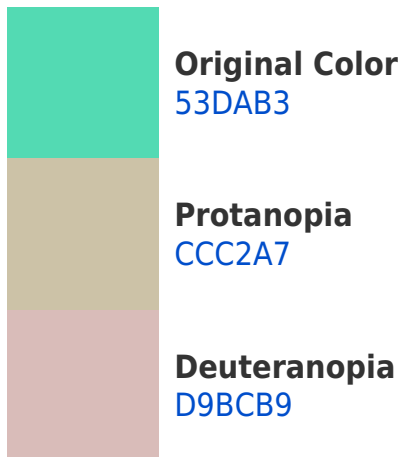


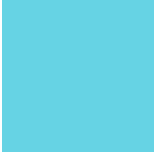
This preview shows how white text looks on a background with the Hex color 53DAB3.

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
66D3E4

Trichromacy



Original Color
53DAB3



Protanomaly
A0CBAB



Deuteranomaly
A8C7B7



Tritanomaly
5FD6D2

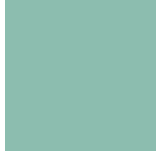
Monochromacy



Original Color
53DAB3



Achromatopsia
ADADAD



Achromatomaly
8CBDAF

CSS Examples

Text

The CSS property to change the color of the text to Hex 53DAB3 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 #53DAB3 looks like.

```
.text, #text, p{  
    color:#53DAB3  
}
```

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 #53DAB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53DAB3
}
```

Border

The CSS property to change the border of an element to Hex 53DAB3 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
#53DAB3 }
```

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

```
.border{ border-color:#53DAB3 }
```

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

Here you see how a box with a 4 pixel #53DAB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53DAB3; -webkit-box-shadow:4px 4px  
4px 4px #53DAB3; box-shadow:4px 4px 4px  
4px #53DAB3 }
```

Background

The CSS property to change the background color of an element to Hex 53DAB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53DAB3 }
```

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

```
.background{ background-color:#53DAB3 }
```

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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