

Converting Colors

Hex(55B4A3)

Have a look what the booklet for
Hex(55B4A3) contains.

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Color

Hex(55B4A3)

Conversions

Conversions Part 1

Format	Color
Hex	55B4A3
RGB	85, 180, 163
RGB Percent	33%, 71%, 64%
CMY	0.6667, 0.2941, 0.3608
CMYK	0.53, 0.00, 0.09, 0.29
HSL	169°, 39%, 52%
HSV	169°, 53%, 71%
XYZ	26.6784, 37.2182, 40.4281
YIQ	149.6570, -51.1630, -25.4270

Conversions

Conversions Part 2

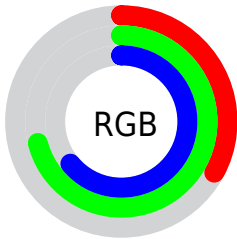
Format	Color
RYB	85, 137, 180
Decimal	5616803
CIELab	67.44, -32.28, 0.11
CIELCh	67, 32.283, 179.798
Yxy	37.2182, 0.2557, 0.3568
Android (android.graphics.Color)	4283806883 (0xFF55B4A3)
YUV	149.6570, 6.5781, -56.7042
Hunter-Lab	61.0067, -28.7030, 3.4142

Details

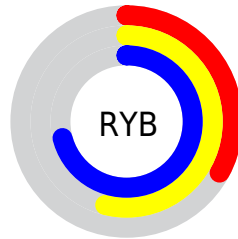
The Hex color **55B4A3** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B45566**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **8EECDA**, and **117F6F** is the 20% darker color. If you saturate the color by 10%, you get **43B4A0**, and if you desaturate by 10%, it is **67B4A6**.

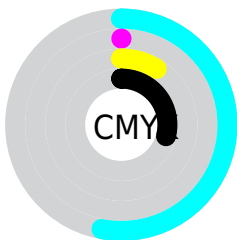
Distribution



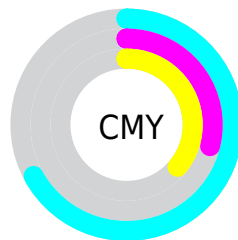
- Red (33%)
- Green (71%)
- Blue (64%)



- Red (33%)
- Yellow (54%)
- Blue (71%)



- Cyan (53%)
- Magenta (0%)
- Yellow (9%)
- Black (29%)



- Cyan (67%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55B4A3 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 55B4A3 by changing the saturation by 10% instead.

 55B4A3

 55B4A3

FFFFFF

 379989

 8EECDA

 117F6F

 AAFFF6

 006557

 C7FFFF

 004D40

 E4FFFF

 00352A

 002215

 000000

 55B4A3

 55B4A3

 43B4A0

 67B4A6

■ 31B49D

■ 79B4A9

■ 1FB499

■ 8BB4AD

■ 0DB496

■ 9DB4B0

■ 00B494

■ AFB4B3

■ C1B4B6

■ D3B4BA

■ E5B4BD

■ F7B4C0

Harmonies

Analogous

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



78B186



55B4A3



3FB3C0

Triad

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



55B4A3



A89DD7



D09873

Complementary

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



55B4A3



B45566

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.



DD9089



55B4A3



C993C2

Square

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



55B4A3



7CA7DE



DB8EA6



B8A26A

Rectangle

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



55B4A3



46B1D0



DB8EA6



D69579

Sweetspot

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



55B4A3



C5EBE4



66B455



5F7571



F5F5F5



757575

Same Dimension

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



55B4A3



57EBD0



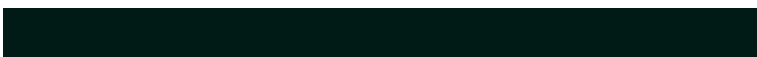
5596B4



505958



00997E



001A15

Inverse Universe

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



B45566



EB5771



B47355



595052



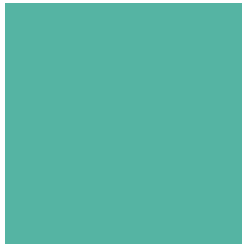
99001B



1A0005

Previews

White Background



This preview shows how the Hex color 55B4A3 looks on a white background.

Color Contrast Check

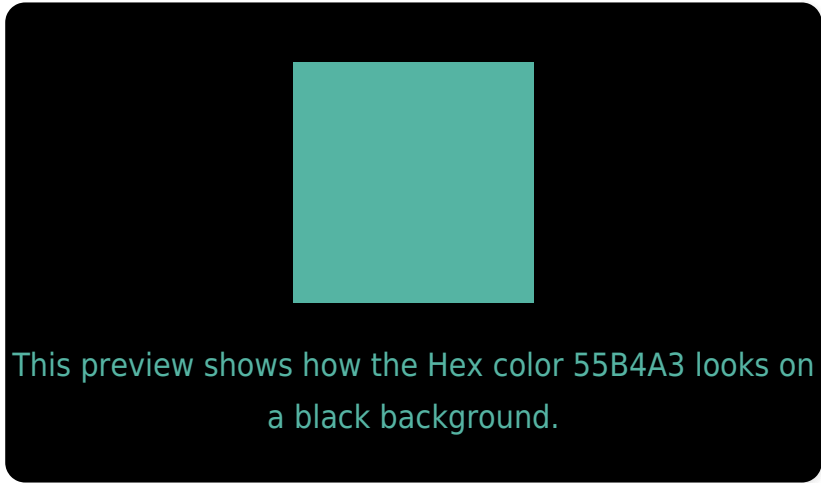
Large Text (above 18pt) WCAG AA × Fail

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

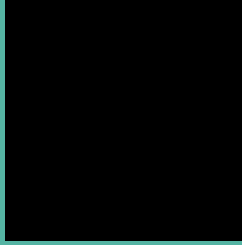
Any Text WCAG AA ✓ Pass

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 55B4A3 Background



This preview shows how black text looks on a background with the Hex color 55B4A3.

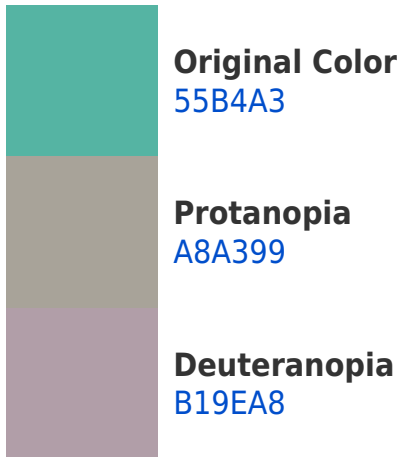


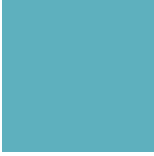
This preview shows how white text looks on a background with the Hex color 55B4A3.

Color Blindness Simulation

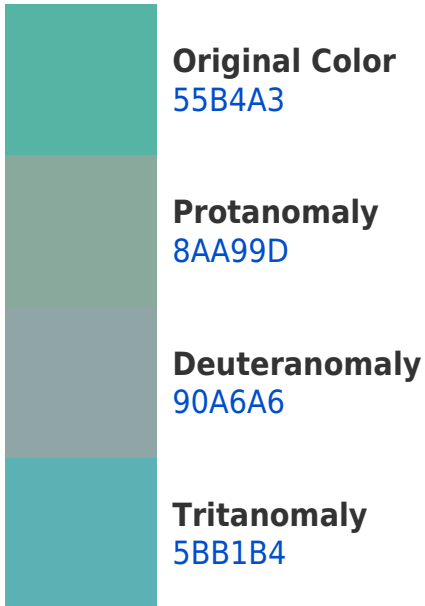
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

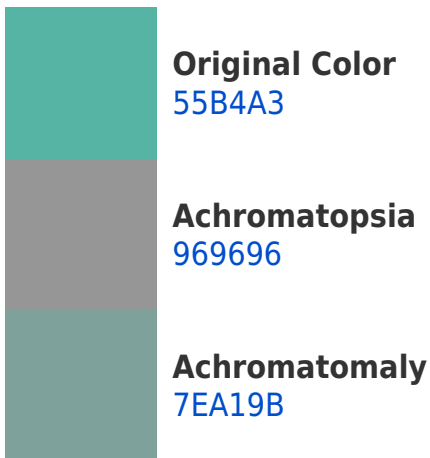




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55B4A3 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 #55B4A3 looks like.

```
.text, #text, p{  
    color:#55B4A3  
}
```

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 #55B4A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55B4A3
}
```

Border

The CSS property to change the border of an element to Hex 55B4A3 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
#55B4A3 }
```

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

```
.border{ border-color:#55B4A3 }
```

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

Here you see how a box with a 4 pixel #55B4A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55B4A3; -webkit-box-shadow:4px 4px  
4px 4px #55B4A3; box-shadow:4px 4px 4px  
4px #55B4A3 }
```

Background

The CSS property to change the background color of an element to Hex 55B4A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55B4A3 }
```

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

```
.background{ background-color:#55B4A3 }
```

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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