

Converting Colors

Hex(53AB95)

Have a look what the booklet for
Hex(53AB95) contains.

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Color

Hex(53AB95)

Conversions

Conversions Part 1

Format	Color
Hex	53AB95
RGB	83, 171, 149
RGB Percent	33%, 67%, 58%
CMY	0.6745, 0.3294, 0.4157
CMYK	0.51, 0.00, 0.13, 0.33
HSL	165°, 35%, 50%
HSV	165°, 51%, 67%
XYZ	23.5550, 33.1347, 33.5879
YIQ	142.1800, -45.3860, -25.4980

Conversions

Conversions Part 2

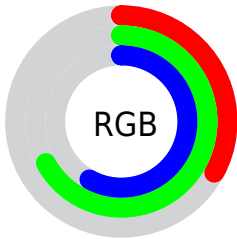
Format	Color
RYB	83, 133, 171
Decimal	5483413
CIELab	64.27, -31.93, 3.26
CIELCh	64, 32.093, 174.169
Yxy	33.1347, 0.2609, 0.3670
Android (android.graphics.Color)	4283673493 (0xFF53AB95)
YUV	142.1800, 3.3623, -51.9009
Hunter-Lab	57.5628, -27.6917, 5.6982

Details

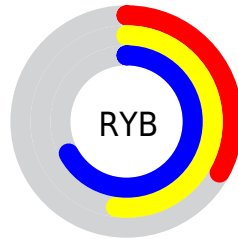
The Hex color **53AB95** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AB5369**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **8BE3CB**, and **137662** is the 20% darker color. If you saturate the color by 10%, you get **42AB91**, and if you desaturate by 10%, it is **64AB99**.

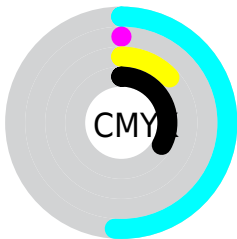
Distribution



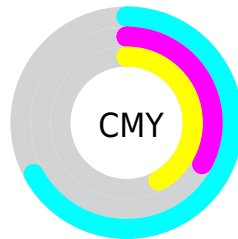
- Red (33%)
- Green (67%)
- Blue (58%)



- Red (33%)
- Yellow (52%)
- Blue (67%)



- Cyan (51%)
- Magenta (0%)
- Yellow (13%)
- Black (33%)



- Cyan (67%)
- Magenta (33%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53AB95 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 53AB95 by changing the saturation by 10% instead.

 53AB95

 53AB95

FFFFFF

 36907B

 8BE3CB

 137662

 A7FFE7

 005D4B

 C3FFFF

 004534

 E0FFFF

 002E1F

FEFFFF

 001807

 000000

 53AB95

 53AB95

 42AB91

 64AB99

 31AB8C

 75AB9E

 20AB88

 86ABA2

 0FAB84

 97ABA6

 00AB80

 A8ABAA

 BAABAF

 CBABB3

 DCABB7

 EDABBB

Harmonies

Analogous

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



76A879



53AB95



36ABB2

Triad

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



53AB95



9896D0



CA8E6E

Complementary

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



53AB95



AB5369

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.



D48786



53AB95



BB8CBE

Square

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



53AB95



6BA0D4



D086A3



B49863

Rectangle

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



53AB95



37A9C3



D086A3



CF8B75

Sweetspot

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



53AB95



BDD6D6



69AB53



5C706B



F0F0F0



707070

Same Dimension

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



53AB95



54DEBB



5395AB



4E5755



009671



001711

Inverse Universe

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



AB5369



DE5477



AB6953



574E50



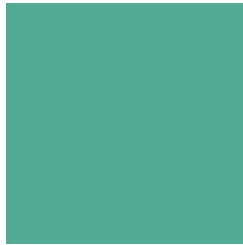
960026



170006

Previews

White Background



This preview shows how the Hex color 53AB95 looks on a white background.

Color Contrast Check

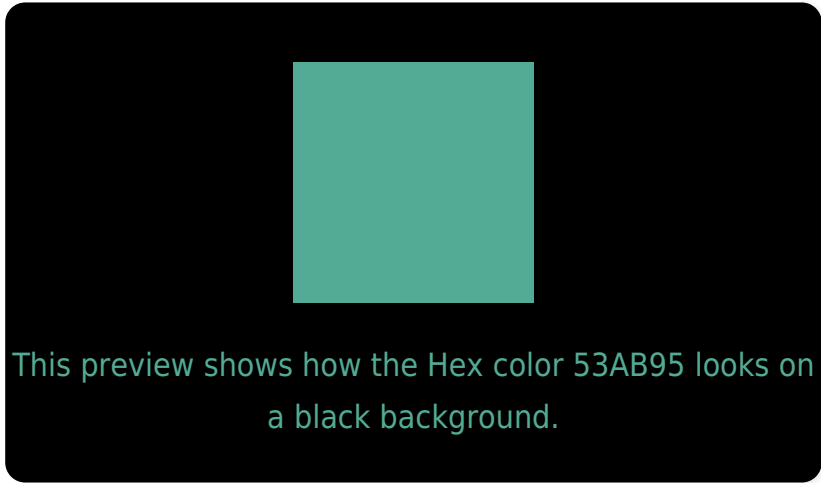
Large Text (above 18pt) WCAG AA × Fail

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

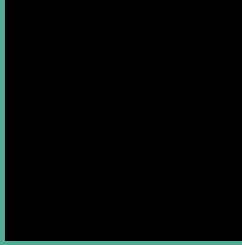
Any Text WCAG AA ✓ Pass

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 53AB95 Background



This preview shows how black text looks on a background with the Hex color 53AB95.

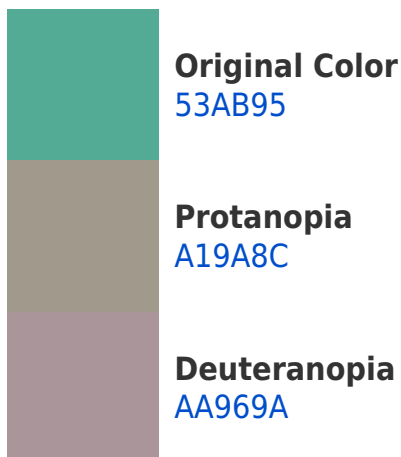


This preview shows how white text looks on a background with the Hex color 53AB95.

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](#).

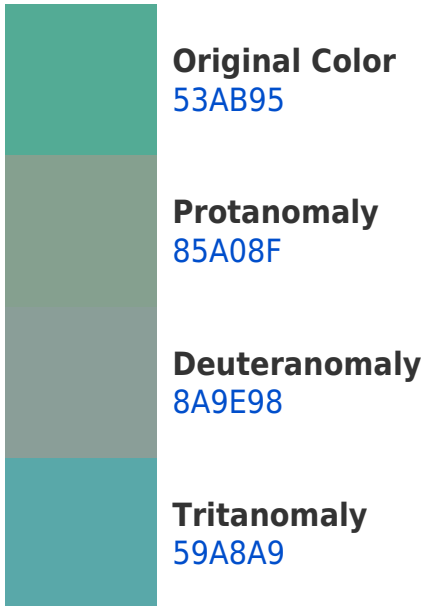
Dichromacy



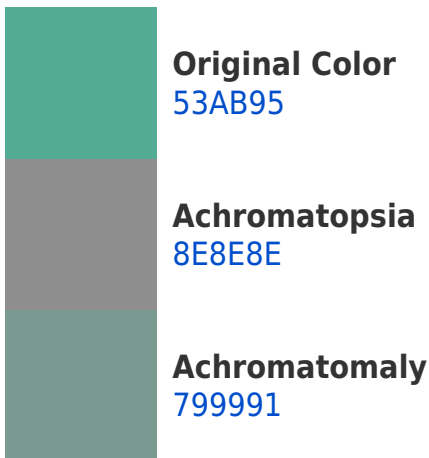


Tritanopia
5DA7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53AB95 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 #53AB95 looks like.

```
.text, #text, p{  
    color:#53AB95  
}
```

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 #53AB95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53AB95
}
```

Border

The CSS property to change the border of an element to Hex 53AB95 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
#53AB95 }
```

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

```
.border{ border-color:#53AB95 }
```

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

Here you see how a box with a 4 pixel #53AB95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53AB95; -webkit-box-shadow:4px 4px  
4px 4px #53AB95; box-shadow:4px 4px 4px  
4px #53AB95 }
```

Background

The CSS property to change the background color of an element to Hex 53AB95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53AB95 }
```

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

```
.background{ background-color:#53AB95 }
```

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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