

Converting Colors

Hex(54BFAA)

Have a look what the booklet for
Hex(54BFAA) contains.

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Color

Hex(54BFAA)

Conversions

Conversions Part 1

Format	Color
Hex	54BFAA
RGB	84, 191, 170
RGB Percent	33%, 75%, 67%
CMY	0.6706, 0.2510, 0.3333
CMYK	0.56, 0.00, 0.11, 0.25
HSL	168°, 46%, 54%
HSV	168°, 56%, 75%
XYZ	29.5427, 42.0487, 44.5894
YIQ	156.6130, -57.0310, -29.2150

Conversions

Conversions Part 2

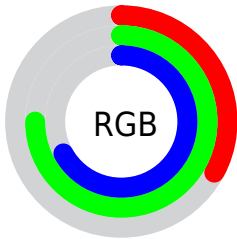
Format	Color
RYB	84, 143, 191
Decimal	5554090
CIELab	70.90, -35.89, 1.31
CIElCh	71, 35.919, 177.903
Yxy	42.0487, 0.2543, 0.3619
Android (android.graphics.Color)	4283744170 (0xFF54BFAA)
YUV	156.6130, 6.5998, -63.6816
Hunter-Lab	64.8450, -32.1561, 4.6219

Details

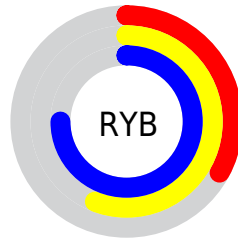
The Hex color **54BFAA** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BF5469**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **8EF8E1**, and **038976** is the 20% darker color. If you saturate the color by 10%, you get **41BFA6**, and if you desaturate by 10%, it is **67BFAE**.

Distribution



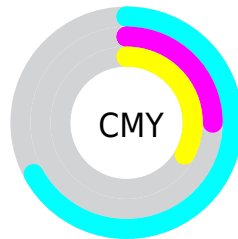
- Red (33%)
- Green (75%)
- Blue (67%)



- Red (33%)
- Yellow (56%)
- Blue (75%)



- Cyan (56%)
- Magenta (0%)
- Yellow (11%)
- Black (25%)



- Cyan (67%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54BFAA 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 54BFAA by changing the saturation by 10% instead.

 54BFAA

 54BFAA

FFFFFF

 34A490

 8EF8E1

 038976

 ABFFFE

 006F5D

 C8FFFF

 005646

 E6FFFF

 003E30

 00281B

 000600

 000000

 54BFAA

 54BFAA

 41BFA6

 67BFAE

 2EBFA3

 7ABFB1

 1BBF9F

 8DBFB5

 08BF9B

 A0BFB9

 00BF9A

 B4BFBD

 C7BFC0

 DABFC4

 EDBFC8

 FFBFCC

Harmonies

Analogous

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



7DBC8A



54BFAA



33BFCB

Triad

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



54BFAA



AEA6E7



DF9F77

Complementary

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



54BFAA



BF5469

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.



ED9791



54BFAA



D59BD1

Square

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



54BFAA



7CB1EE



EA95B1



C6AB6C

Rectangle

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



54BFAA



3ABCDD



EA95B1



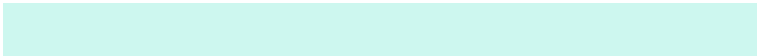
E69C7E

Sweetspot

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



54BFAA



CDF7EF



69BF54



647D78



FCFCFC



7D7D7D

Same Dimension

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



54BFAA



52F7D7



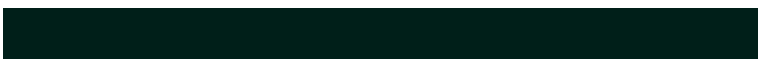
549FBF



555E5C



009E7F



001F19

Inverse Universe

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



BF5469



F75272



BF7454



5E5557



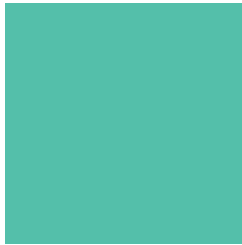
9E001F



1F0006

Previews

White Background



This preview shows how the Hex color 54BFAA 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 54BFAA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

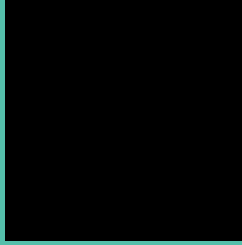
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

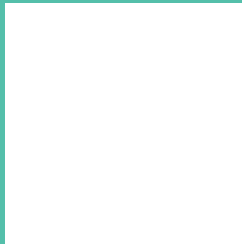
Any Text WCAG AAA ✓ Pass

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

Hex 54BFAA Background



This preview shows how black text looks on a background with the Hex color 54BFAA.

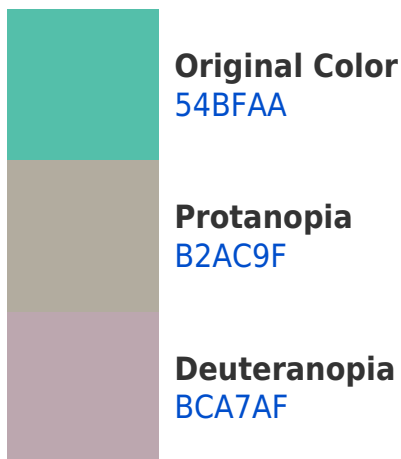


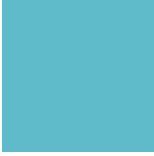
This preview shows how white text looks on a background with the Hex color 54BFAA.

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



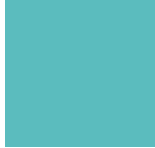
Original Color
54BFAA



Protanomaly
90B3A3



Deuteranomaly
96B0AD



Tritanomaly
5BBCBE

Monochromacy



Original Color
54BFAA



Achromatopsia
9D9D9D



Achromatomaly
82A9A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 54BFAA 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 #54BFAA looks like.

```
.text, #text, p{  
    color:#54BFAA  
}
```

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 #54BFAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54BFAA
}
```

Border

The CSS property to change the border of an element to Hex 54BFAA 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
#54BFAA }
```

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

```
.border{ border-color:#54BFAA }
```

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

Here you see how a box with a 4 pixel #54BFAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54BFAA; -webkit-box-shadow:4px 4px  
4px 4px #54BFAA; box-shadow:4px 4px 4px  
4px #54BFAA }
```

Background

The CSS property to change the background color of an element to Hex 54BFAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54BFAA }
```

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

```
.background{ background-color:#54BFAA }
```

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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