

Converting Colors

Hex(53B89A)

Have a look what the booklet for
Hex(53B89A) contains.

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Color

Hex(53B89A)

Conversions

Conversions Part 1

Format	Color
Hex	53B89A
RGB	83, 184, 154
RGB Percent	33%, 72%, 60%
CMY	0.6745, 0.2784, 0.3961
CMYK	0.55, 0.00, 0.16, 0.28
HSL	162°, 42%, 52%
HSV	162°, 55%, 72%
XYZ	26.5405, 38.4531, 36.5952
YIQ	150.3810, -50.5660, -30.7420

Conversions

Conversions Part 2

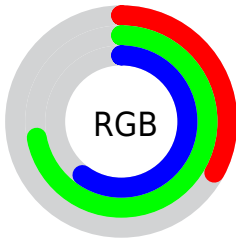
Format	Color
R_{YB}	83, 142, 184
Decimal	5486746
CIE _{Lab}	68.35, -36.78, 6.38
CIE _{LCh}	68, 37.332, 170.157
Y _{xy}	38.4531, 0.2613, 0.3785
Android (android.graphics.Color)	4283676826 (0xFF53B89A)
YUV	150.3810, 1.7842, -59.0931
Hunter-Lab	62.0105, -32.1205, 8.4177

Details

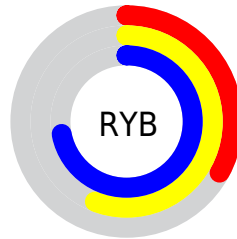
The Hex color **53B89A** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B85371**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **8CF1D0**, and **0A8267** is the 20% darker color. If you saturate the color by 10%, you get **41B895**, and if you desaturate by 10%, it is **65B89F**.

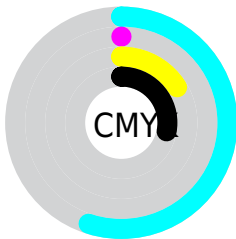
Distribution



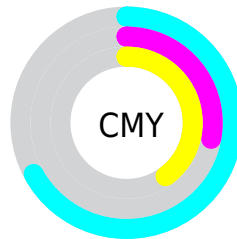
- Red (33%)
- Green (72%)
- Blue (60%)



- Red (33%)
- Yellow (56%)
- Blue (72%)



- Cyan (55%)
- Magenta (0%)
- Yellow (16%)
- Black (28%)



- Cyan (67%)
- Magenta (28%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53B89A 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 53B89A by changing the saturation by 10% instead.

 53B89A

 53B89A


FFFFFF

 359D80

 8CF1D0

 0A8267

 A9FFED

 00694F

 C5FFFF

 005038

 E3FFFF

 003823

 00240D

 000000

 53B89A

 53B89A

 41B895

 65B89F

 2EB88F

 78B8A5

 1CB88A

 8AB8AA

 09B884

 9DB8B0

 00B881

 AFB8B5

 C1B8BB

 D4B8C0

 E6B8C6

 F9B8CB

Harmonies

Analogous

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



7FB47A



53B89A



1FB9BD

Triad

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



53B89A



9AA2E6



DF9574

Complementary

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



53B89A



B85371

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.



E98D91



53B89A



C696D2

Square

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



53B89A



62ADE9



E18DB3



C7A164

Rectangle

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



53B89A



10B7D1



E18DB3



E4927D

Sweetspot

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



53B89A



C9F0E4



71B853



617871



F7F7F7



787878

Same Dimension

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



53B89A



51F0C1



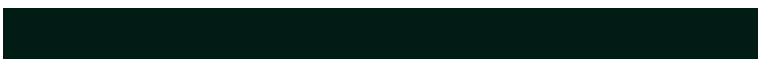
53A4B8



535C59



009C6D



001C14

Inverse Universe

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



B85371



F05180



B86753



5C5355



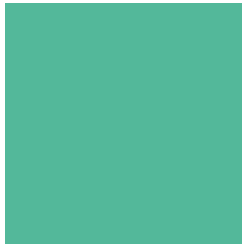
9C002E



1C0008

Previews

White Background



This preview shows how the Hex color 53B89A looks on a white background.

Color Contrast Check

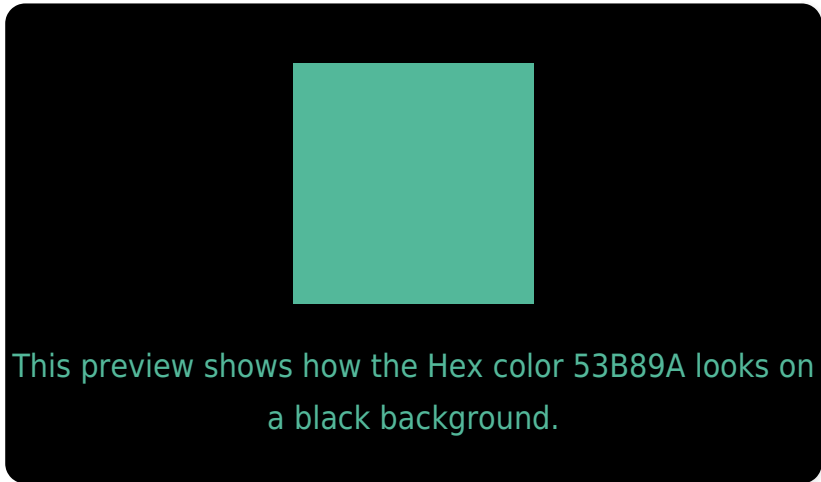
Large Text (above 18pt) WCAG AA × Fail

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

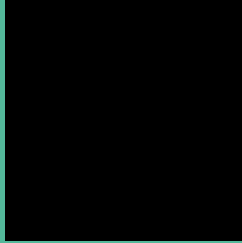
Any Text WCAG AA ✓ Pass

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 53B89A Background



This preview shows how black text looks on a background with the Hex color 53B89A.

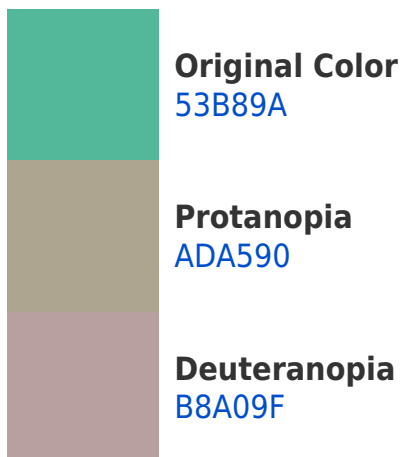


This preview shows how white text looks on a background with the Hex color 53B89A.

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](#).

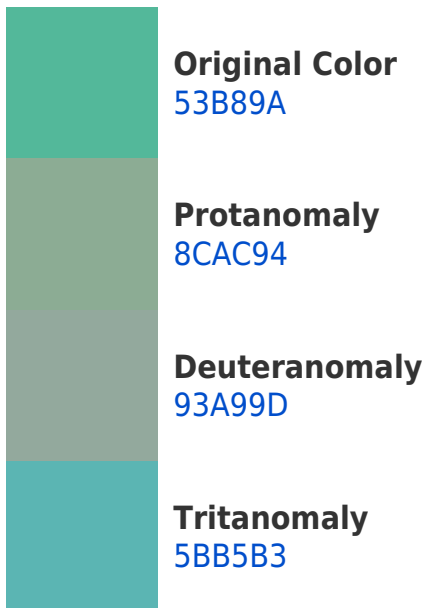
Dichromacy



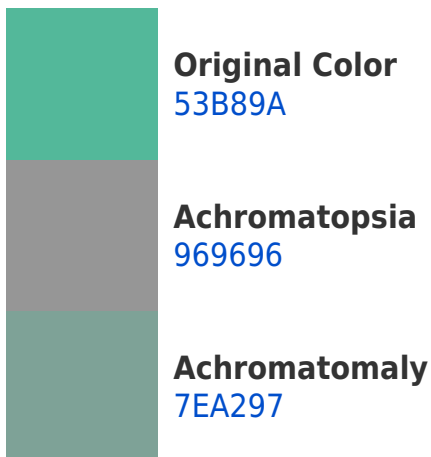


Tritanopia
60B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53B89A 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 #53B89A looks like.

```
.text, #text, p{  
    color:#53B89A  
}
```

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 #53B89A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53B89A
}
```

Border

The CSS property to change the border of an element to Hex 53B89A 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
#53B89A }
```

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

```
.border{ border-color:#53B89A }
```

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

Here you see how a box with a 4 pixel #53B89A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53B89A; -webkit-box-shadow:4px 4px  
4px 4px #53B89A; box-shadow:4px 4px 4px  
4px #53B89A }
```

Background

The CSS property to change the background color of an element to Hex 53B89A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53B89A }
```

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

```
.background{ background-color:#53B89A }
```

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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