

Converting Colors

Hex(5CB89A)

Have a look what the booklet for
Hex(5CB89A) contains.

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Color

Hex(5CB89A)

Conversions

Conversions Part 1

Format	Color
Hex	5CB89A
RGB	92, 184, 154
RGB Percent	36%, 72%, 60%
CMY	0.6392, 0.2784, 0.3961
CMYK	0.50, 0.00, 0.16, 0.28
HSL	160°, 39%, 54%
HSV	160°, 50%, 72%
XYZ	27.3869, 38.8894, 36.6348
YIQ	153.0720, -45.2020, -28.8340

Conversions

Conversions Part 2

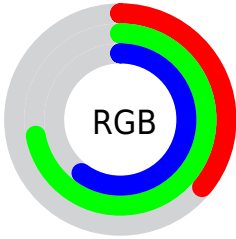
Format	Color
RYB	92, 147, 184
Decimal	6076570
CIELab	68.67, -34.72, 6.88
CIELCh	69, 35.390, 168.790
Yxy	38.8894, 0.2661, 0.3779
Android (android.graphics.Color)	4284266650 (0xFF5CB89A)
YUV	153.0720, 0.4575, -53.5601
Hunter-Lab	62.3614, -30.7416, 8.8224

Details

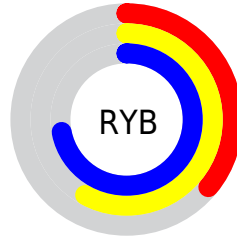
The Hex color **5CB89A** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B85C7A**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **94F1D0**, and **1F8267** is the 20% darker color. If you saturate the color by 10%, you get **4AB894**, and if you desaturate by 10%, it is **6EB8A0**.

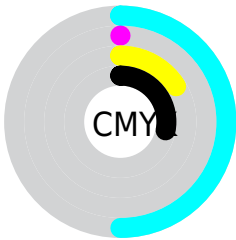
Distribution



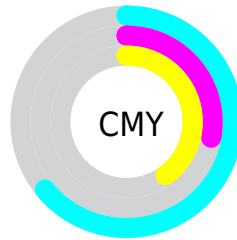
- Red (36%)
- Green (72%)
- Blue (60%)



- Red (36%)
- Yellow (58%)
- Blue (72%)



- Cyan (50%)
- Magenta (0%)
- Yellow (16%)
- Black (28%)



- Cyan (64%)
- Magenta (28%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CB89A 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 5CB89A by changing the saturation by 10% instead.

 5CB89A

 5CB89A

FFFFFF

 409D80

 94F1D0

 1F8267

 B0FFED

 00694F

 CDFFFF

 005038

 EAFFFF

 003823

 00240D

 000000

 5CB89A

 5CB89A

 4AB894

 6EB8A0

 37B88E

 81B8A6

 25B888

 93B8AC

 12B882

 A6B8B2

 00B87C

 B8B8B8

 CAB8BE

 DDB8C4

 EFB8CA

 FFB8D0

Harmonies

Analogous

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



84B47C



5CB89A



34B9BB

Triad

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



5CB89A



9AA4E4



DE9779

Complementary

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



5CB89A



B85C7A

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.



E79094



5CB89A



C498D2

Square

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



5CB89A



66AEE6



DE90B5



C8A169

Rectangle

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



5CB89A



2DB7CF



DE90B5



E29481

Sweetspot

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



5CB89A



CCF0E4



7BB85C



627871



F7F7F7



787878

Same Dimension

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



5CB89A



60F0C1



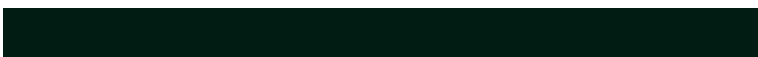
5CA9B8



535C59



009C69



001C13

Inverse Universe

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



B85C7A



F0608F



B86B5C



5C5356



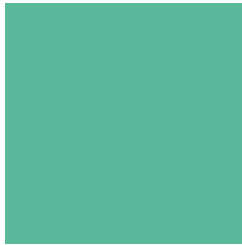
9C0033



1C0009

Previews

White Background



This preview shows how the Hex color 5CB89A looks on a white background.

Color Contrast Check

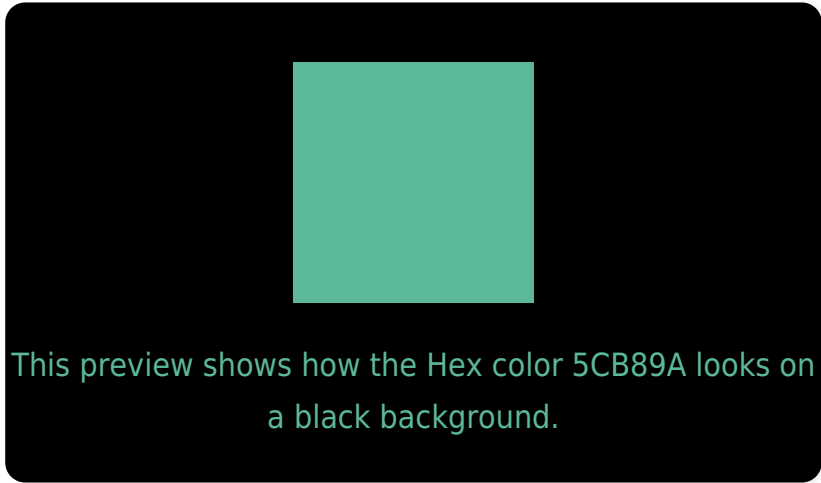
Large Text (above 18pt) WCAG AA × Fail

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

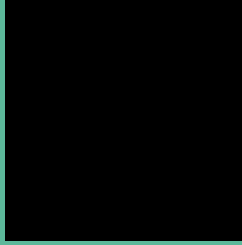
Any Text WCAG AA ✓ Pass

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 5CB89A Background



This preview shows how black text looks on a background with the Hex color 5CB89A.

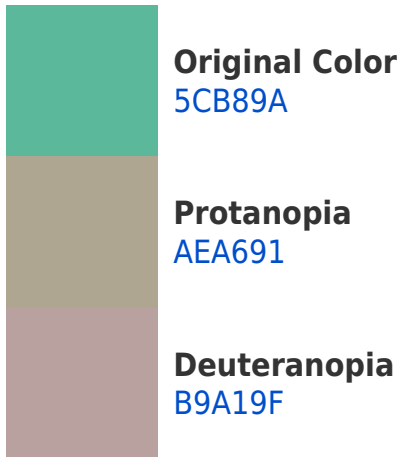


This preview shows how white text looks on a background with the Hex color 5CB89A.

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](#).

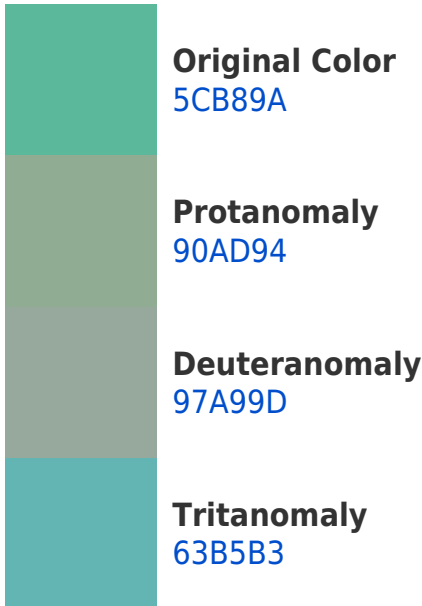
Dichromacy



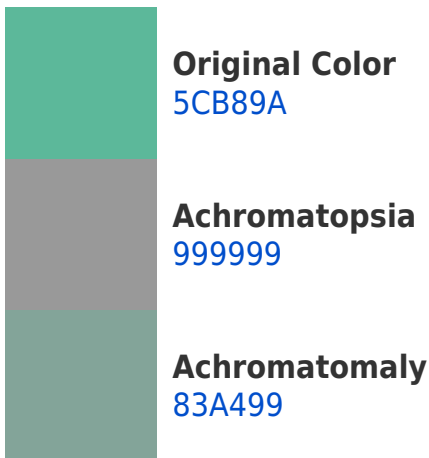


Tritanopia
67B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5CB89A 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 #5CB89A looks like.

```
.text, #text, p{  
    color:#5CB89A  
}
```

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 #5CB89A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CB89A
}
```

Border

The CSS property to change the border of an element to Hex 5CB89A 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
#5CB89A }
```

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

```
.border{ border-color:#5CB89A }
```

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

Here you see how a box with a 4 pixel #5CB89A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CB89A; -webkit-box-shadow:4px 4px  
4px 4px #5CB89A; box-shadow:4px 4px 4px  
4px #5CB89A }
```

Background

The CSS property to change the background color of an element to Hex 5CB89A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CB89A }
```

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

```
.background{ background-color:#5CB89A }
```

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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