

# Converting Colors

Hex(5DB89E)

Have a look what the booklet for  
Hex(5DB89E) contains.

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**Color**

**Hex(5DB89E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DB89E
RGB	93, 184, 158
RGB Percent	36%, 72%, 62%
CMY	0.6353, 0.2784, 0.3804
CMYK	0.49, 0.00, 0.14, 0.28
HSL	163°, 39%, 54%
HSV	163°, 49%, 72%
XYZ	27.8262, 39.0768, 38.4237
YIQ	153.8270, -45.8900, -27.3780

# Conversions

## Conversions Part 2

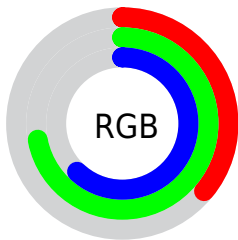
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 146, 184
Decimal	6142110
CIELab	68.81, -33.54, 4.89
CIELCh	69, 33.898, 171.713
Yxy	39.0768, 0.2642, 0.3710
Android (android.graphics.Color)	4284332190 (0xFF5DB89E)
YUV	153.8270, 2.0573, -53.3453
Hunter-Lab	62.5114, -29.9377, 7.3144

# Details

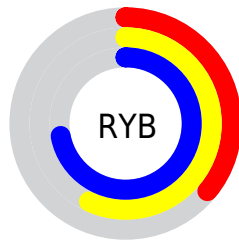
The Hex color **5DB89E** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B85D77**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **95F0D5**, and **21826B** is the 20% darker color. If you saturate the color by 10%, you get **4BB899**, and if you desaturate by 10%, it is **6FB8A3**.

# Distribution



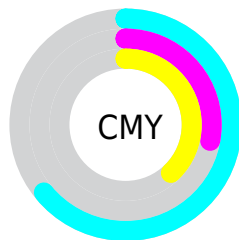
- Red (36%)
- Green (72%)
- Blue (62%)



- Red (36%)
- Yellow (57%)
- Blue (72%)



- Cyan (49%)
- Magenta (0%)
- Yellow (14%)
- Black (28%)



- Cyan (64%)
- Magenta (28%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DB89E 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 5DB89E by changing the saturation by 10% instead.



 5DB89E

 5DB89E

FFFFFF

 419D84

 95F0D5

 21826B

 B1FFF1

 006953

 CEFFFF

 00503C

 EBFFFF

 003826

 002411

 000000

 5DB89E

 5DB89E

 4BB899

 6FB8A3

 38B893

 82B8A9

 26B88E

 94B8AE

 13B889

 A7B8B3

 01B884

 B9B8B8

 00B883

 CBB8BE

 DEB8C3

 F0B8C8

 FFB8CD

# Harmonies

## Analogous

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



83B481



5DB89E



3DB8BD

# Triad

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



5DB89E



A0A3E1



DB9979

# Complementary

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



5DB89E



B85D77

# 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.



E49293



5DB89E



C798CE

# Square

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



5DB89E



70ADE4



DE91B2



C4A36B

# Rectangle

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



5DB89E



3BB6D0



DE91B2



E09680



# Sweetspot

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



5DB89E



CCF0E5



78B85D



627872



F7F7F7



787878



# Same Dimension

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



5DB89E



62F0C7



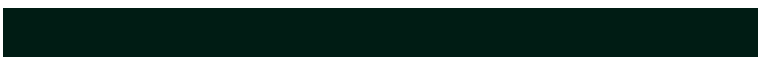
5DA6B8



535C59



009C6F



001C14



# Inverse Universe

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



B85D77



F0628B



B86F5D



5C5355



9C002C

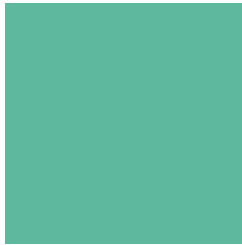


1C0008



# Previews

## White Background



This preview shows how the Hex color 5DB89E looks on a white background.

## Color Contrast Check

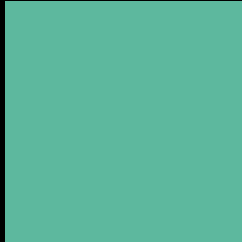
Large Text (above 18pt) WCAG AA × Fail

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 5DB89E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

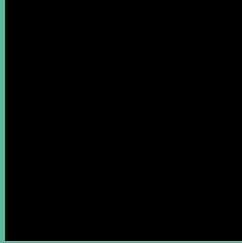
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5DB89E Background



This preview shows how black text looks on a background with the Hex color 5DB89E.

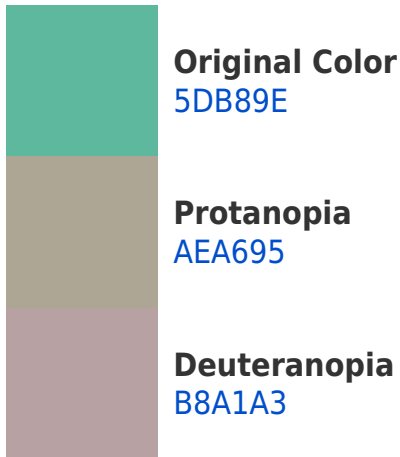


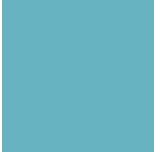
This preview shows how white text looks on a background with the Hex color 5DB89E.

# 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](#).

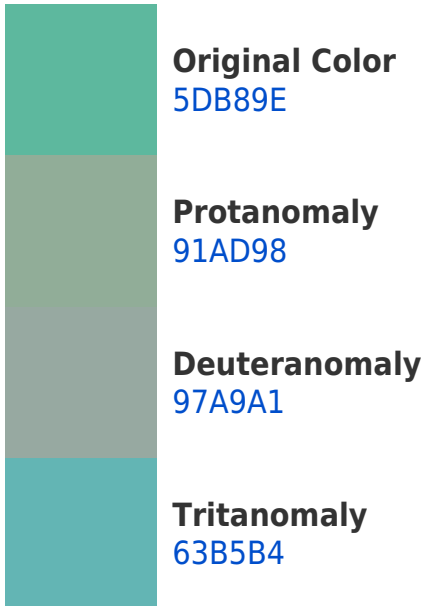
## Dichromacy





**Tritanopia**  
67B3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DB89E 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 #5DB89E looks like.

```
.text, #text, p{  
    color:#5DB89E  
}
```

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 #5DB89E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DB89E
}
```

## Border

The CSS property to change the border of an element to Hex 5DB89E 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
#5DB89E }
```

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

```
.border{ border-color:#5DB89E }
```

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

Here you see how a box with a 4 pixel #5DB89E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DB89E; -webkit-box-shadow:4px 4px  
4px 4px #5DB89E; box-shadow:4px 4px 4px  
4px #5DB89E }
```

# Background

The CSS property to change the background color of an element to Hex 5DB89E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DB89E }
```

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

```
.background{ background-color:#5DB89E }
```

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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