

Converting Colors

Hex(5DB08A)

Have a look what the booklet for
Hex(5DB08A) contains.

Hex(5DB08A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5DB08A)

Conversions

Conversions Part 1

Format	Color
Hex	5DB08A
RGB	93, 176, 138
RGB Percent	36%, 69%, 54%
CMY	0.6353, 0.3098, 0.4588
CMYK	0.47, 0.00, 0.22, 0.31
HSL	153°, 34%, 53%
HSV	153°, 47%, 69%
XYZ	24.6270, 35.2128, 29.5435
YIQ	146.8510, -37.2700, -29.4140

Conversions

Conversions Part 2

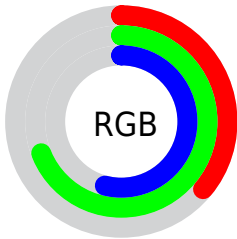
Format	Color
RYB	93, 147, 176
Decimal	6140042
CIELab	65.91, -34.32, 11.75
CIELCh	66, 36.276, 161.097
Yxy	35.2128, 0.2755, 0.3940
Android (android.graphics.Color)	4284330122 (0xFF5DB08A)
YUV	146.8510, -4.3635, -47.2273
Hunter-Lab	59.3404, -29.7660, 12.0198

Details

The Hex color **5DB08A** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B05D83**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **94E8BF**, and **247B58** is the 20% darker color. If you saturate the color by 10%, you get **4BB082**, and if you desaturate by 10%, it is **6FB092**.

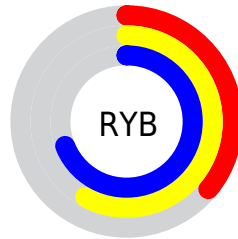
Distribution



Red (36%)

Green (69%)

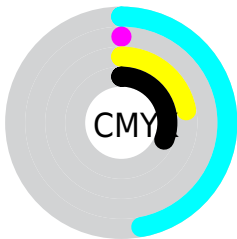
Blue (54%)



Red (36%)

Yellow (58%)

Blue (69%)

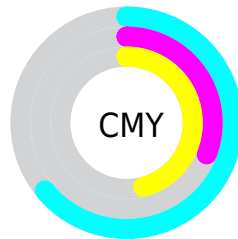


Cyan (47%)

Magenta (0%)

Yellow (22%)

Black (31%)



Cyan (64%)

Magenta (31%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DB08A 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 5DB08A by changing the saturation by 10% instead.

 5DB08A

 5DB08A

FFFFFF

 429571

 94E8BF

 247B58

 B0FFDB

 006141

 CCFFF8

 00492A

 E9FFFF

 003216

 001D00

 000000

 5DB08A

 5DB08A

 4BB082

 6FB092

 3AB07A

 80B09A

 28B072

 92B0A2

 17B06A

 A3B0AA

 05B062

 B5B0B2

 00B05F

 C7B0BA

 D8B0C2

 EAB0CA

 FBB0D3

Harmonies

Analogous

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



86AB6E



5DB08A



2DB2AC

Triad

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



5DB08A



859FE0



DB8C77

Complementary

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



5DB08A



B05D83

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.



DF8795



5DB08A



B393D1

Square

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



5DB08A



4CA9DD



D38AB6



C79763

Rectangle

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



5DB08A



0CB1C1



D38AB6



DE8A80

Sweetspot

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



5DB08A



C5E6D7



84B05D



5F736A



F2F2F2



737373

Same Dimension

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



5DB08A



63E6AA



5DADB0



505955



009953



001A0E

Inverse Universe

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



B05D83



E6639F



B0605D



595054



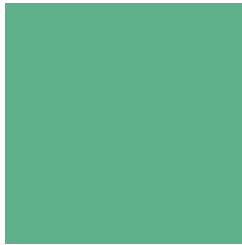
990046



1A000C

Previews

White Background



This preview shows how the Hex color 5DB08A looks on a white background.

Color Contrast Check

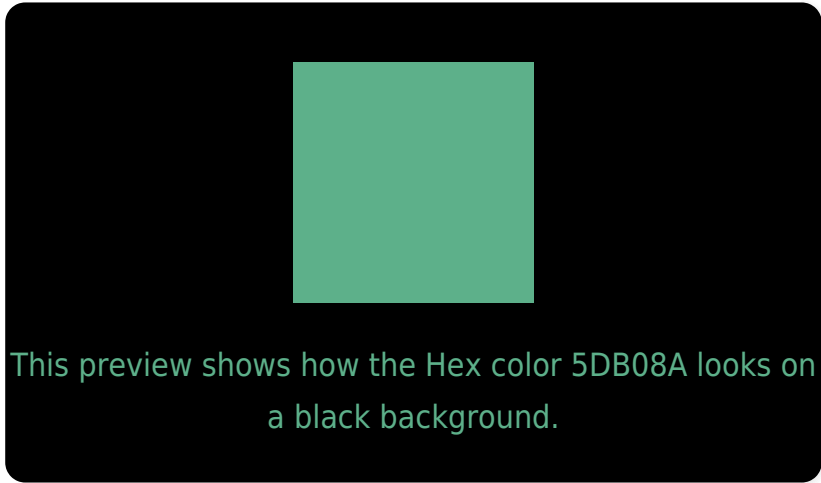
Large Text (above 18pt) WCAG AA × Fail

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 5DB08A Background



This preview shows how black text looks on a background with the Hex color 5DB08A.

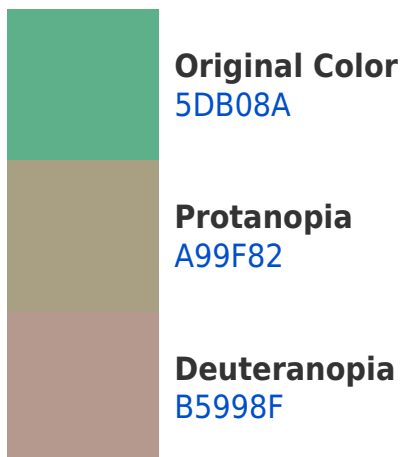


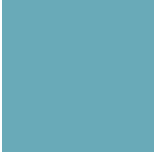
This preview shows how white text looks on a background with the Hex color 5DB08A.

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](#).

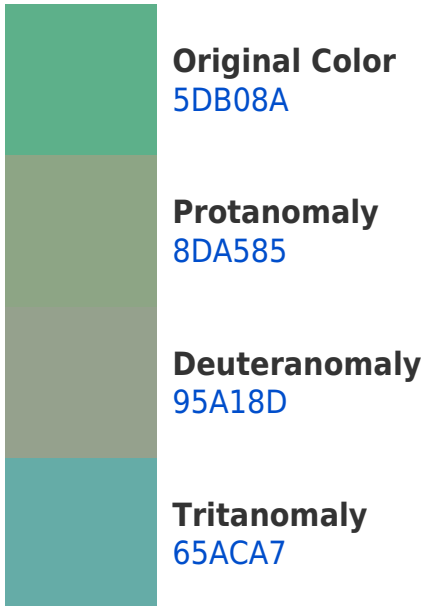
Dichromacy



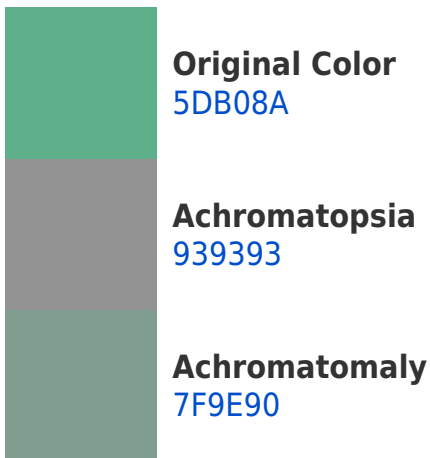


Tritanopia
69AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DB08A 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 #5DB08A looks like.

```
.text, #text, p{  
    color:#5DB08A  
}
```

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 #5DB08A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DB08A
}
```

Border

The CSS property to change the border of an element to Hex 5DB08A 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
#5DB08A }
```

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

```
.border{ border-color:#5DB08A }
```

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

Here you see how a box with a 4 pixel #5DB08A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DB08A; -webkit-box-shadow:4px 4px  
4px 4px #5DB08A; box-shadow:4px 4px 4px  
4px #5DB08A }
```

Background

The CSS property to change the background color of an element to Hex 5DB08A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DB08A }
```

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

```
.background{ background-color:#5DB08A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor