

Converting Colors

Hex(6DB098)

Have a look what the booklet for
Hex(6DB098) contains.

Hex(6DB098)	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(6DB098)

Conversions

Conversions Part 1

Format	Color
Hex	6DB098
RGB	109, 176, 152
RGB Percent	43%, 69%, 60%
CMY	0.5725, 0.3098, 0.4039
CMYK	0.38, 0.00, 0.14, 0.31
HSL	159°, 30%, 56%
HSV	159°, 38%, 69%
XYZ	27.4995, 36.5689, 35.3149
YIQ	153.2310, -32.2280, -21.6680

Conversions

Conversions Part 2

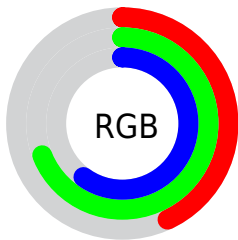
Format	Color
RYB	109, 150, 176
Decimal	7188632
CIELab	66.95, -26.85, 5.61
CIELCh	67, 27.434, 168.205
Yxy	36.5689, 0.2767, 0.3680
Android (android.graphics.Color)	4285378712 (0xFF6DB098)
YUV	153.2310, -0.6069, -38.7906
Hunter-Lab	60.4722, -24.6542, 7.7060

Details

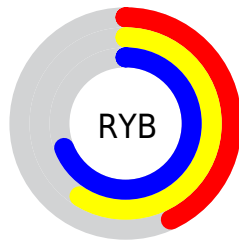
The Hex color **6DB098** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **B06D85**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **A3E8CE**, and **397B65** is the 20% darker color. If you saturate the color by 10%, you get **5BB092**, and if you desaturate by 10%, it is **7FB09E**.

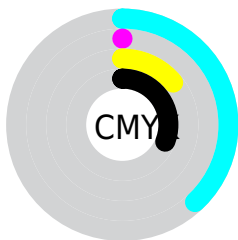
Distribution



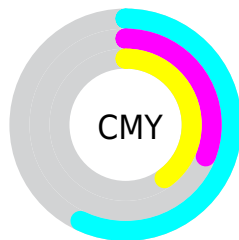
- Red (43%)
- Green (69%)
- Blue (60%)



- Red (43%)
- Yellow (59%)
- Blue (69%)



- Cyan (38%)
- Magenta (0%)
- Yellow (14%)
- Black (31%)



- Cyan (57%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DB098 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 6DB098 by changing the saturation by 10% instead.

 6DB098

 6DB098

FFFFFF

 53957E

 A3E8CE

 397B65

 BFFFEA

 1D624D

 DBFFFF

 004A36

 F8FFFF

 003321

 001F0A

 000000

 6DB098

 6DB098

 5BB092

 7FB09E

 4AB08B

 90B0A5

 38B085

 A2B0AB

 27B07F

 B3B0B1

 15B078

 C5B0B8

 03B072

 D7B0BE

 00B071

 E8B0C4

 FAB0CA

 FFB0D1

Harmonies

Analogous

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



89AC81



6DB098



59B1B1

Triad

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



6DB098



99A0D2



CF967F

Complementary

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



6DB098



B06D85

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.



D59195



6DB098



B998C4

Square

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



6DB098



75A8D3



CE92AE



BD9E73

Rectangle

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



6DB098



57AFC1



CE92AE



D29486

Sweetspot

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



6DB098



CCE6DC



86B06D



64736D



F2F2F2



737373

Same Dimension

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



6DB098



7CE6C0



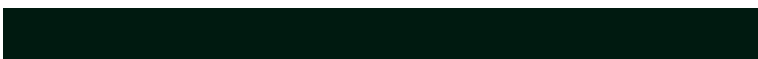
6DA7B0



505956



009962



001A10

Inverse Universe

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



B06D85



E67CA2



B0766D



595054



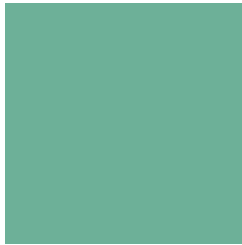
990037



1A0009

Previews

White Background



This preview shows how the Hex color 6DB098 looks on a white background.

Color Contrast Check

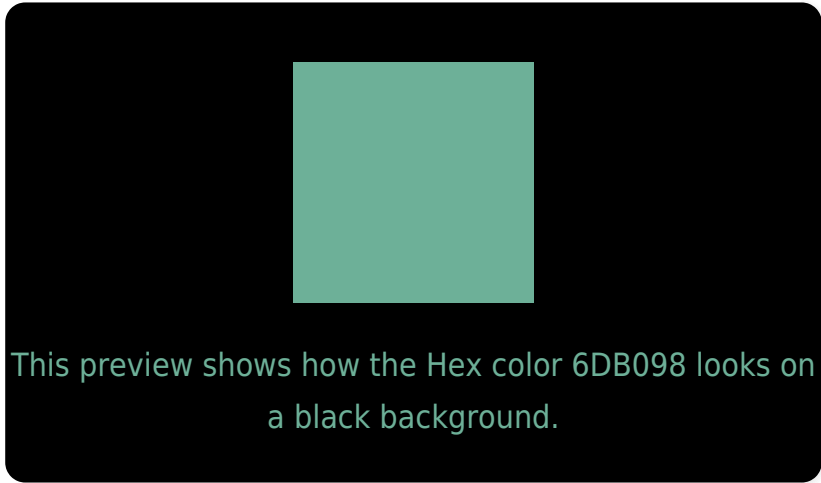
Large Text (above 18pt) WCAG AA × Fail

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

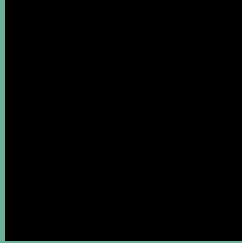
Any Text WCAG AA ✓ Pass

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 6DB098 Background



This preview shows how black text looks on a background with the Hex color 6DB098.

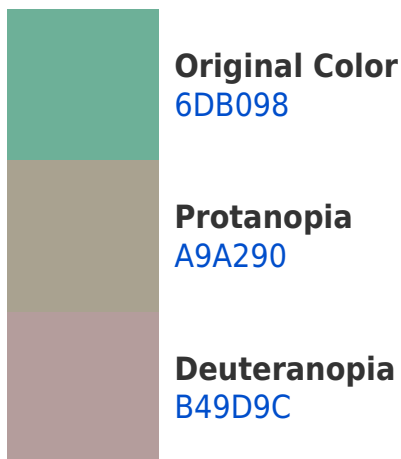


This preview shows how white text looks on a background with the Hex color 6DB098.

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](#).

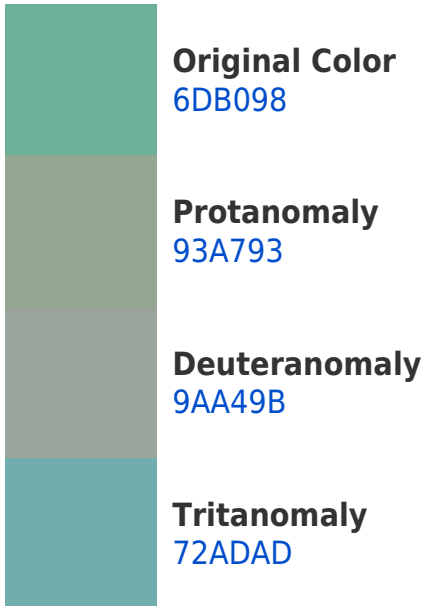
Dichromacy





Tritanopia
75ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DB098 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 #6DB098 looks like.

```
.text, #text, p{  
    color:#6DB098  
}
```

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 #6DB098 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DB098
}
```

Border

The CSS property to change the border of an element to Hex 6DB098 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
#6DB098 }
```

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

```
.border{ border-color:#6DB098 }
```

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

Here you see how a box with a 4 pixel #6DB098 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DB098; -webkit-box-shadow:4px 4px  
4px 4px #6DB098; box-shadow:4px 4px 4px  
4px #6DB098 }
```

Background

The CSS property to change the background color of an element to Hex 6DB098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DB098 }
```

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

```
.background{ background-color:#6DB098 }
```

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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