

Converting Colors

Hex(6BB398)

Have a look what the booklet for
Hex(6BB398) contains.

Hex(6BB398)	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(6BB398)

Conversions

Conversions Part 1

Format	Color
Hex	6BB398
RGB	107, 179, 152
RGB Percent	42%, 70%, 60%
CMY	0.5804, 0.2980, 0.4039
CMYK	0.40, 0.00, 0.15, 0.30
HSL	158°, 32%, 56%
HSV	158°, 40%, 70%
XYZ	27.8510, 37.6330, 35.5018
YIQ	154.3940, -34.2450, -23.6610

Conversions

Conversions Part 2

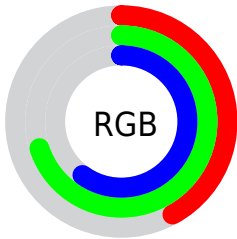
Format	Color
RYB	107, 151, 179
Decimal	7058328
CIELab	67.75, -28.89, 6.74
CIElCh	68, 29.663, 166.867
Yxy	37.6330, 0.2758, 0.3727
Android (android.graphics.Color)	4285248408 (0xFF6BB398)
YUV	154.3940, -1.1802, -41.5645
Hunter-Lab	61.3457, -26.3159, 8.6300

Details

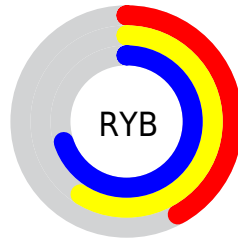
The Hex color **6BB398** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **B36B86**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A1EBCE**, and **367E65** is the 20% darker color. If you saturate the color by 10%, you get **59B391**, and if you desaturate by 10%, it is **7DB39F**.

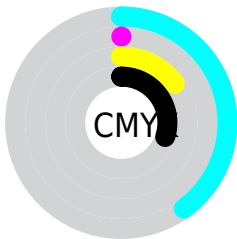
Distribution



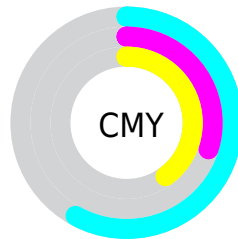
- Red (42%)
- Green (70%)
- Blue (60%)



- Red (42%)
- Yellow (59%)
- Blue (70%)



- Cyan (40%)
- Magenta (0%)
- Yellow (15%)
- Black (30%)



- Cyan (58%)
- Magenta (30%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BB398 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 6BB398 by changing the saturation by 10% instead.



6BB398



6BB398

FFFFFF



50987E



A1EBCE



367E65



BDFFEA



19644D



DAFFFF



004C36



F7FFFF



003521



00210B



000000



6BB398



6BB398



59B391



7DB39F

 47B38B

 8FB3A5

 35B384

 A1B3AC

 23B37D

 B3B3B3

 12B376

 C4B3BA

 00B370

 D6B3C0

 E8B3C7

 FAB3CE

 FFB3D4

Harmonies

Analogous

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



8AAF80



6BB398



52B4B4

Triad

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



6BB398



98A2D8



D4977F

Complementary

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



6BB398



B36B86

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.



DB9197



6BB398



BB99CA

Square

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



6BB398



71ABD9



D292B2



C29F71

Rectangle

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



6BB398



4FB2C4



D292B2



D89486

Sweetspot

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



6BB398



CCE8DE



87B36B



65756F



F5F5F5



757575

Same Dimension

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



6BB398



79E8BE



6BABB3



505956



009960



001A10

Inverse Universe

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



B36B86



E879A2



B3736B



595054



990039



1A000A

Previews

White Background



This preview shows how the Hex color 6BB398 looks on a white background.

Color Contrast Check

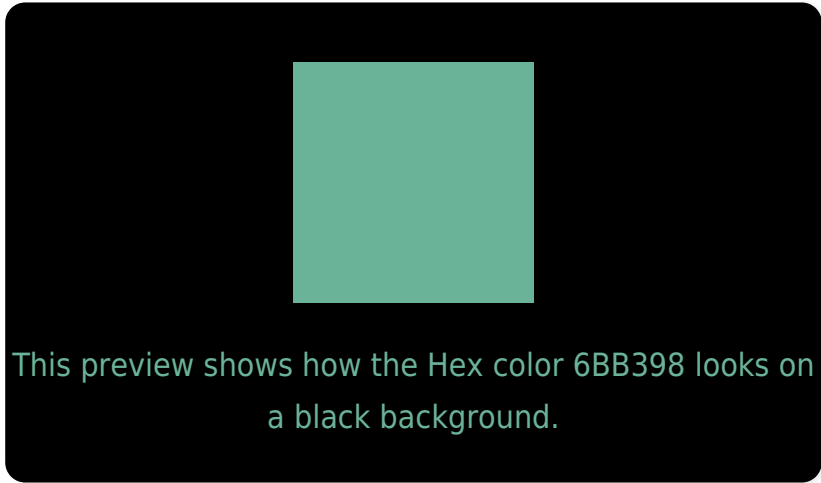
Large Text (above 18pt) WCAG AA × Fail

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

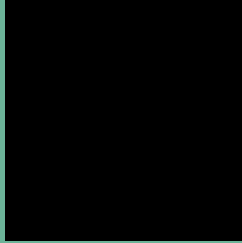
Any Text WCAG AA ✓ Pass

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 6BB398 Background



This preview shows how black text looks on a background with the Hex color 6BB398.

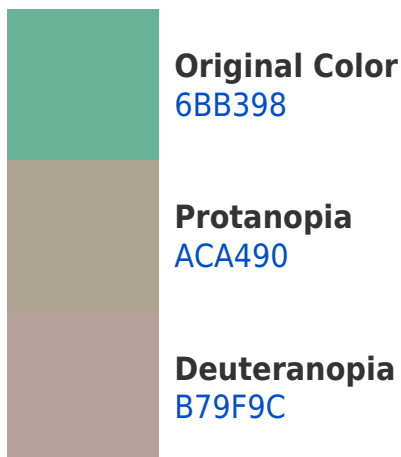


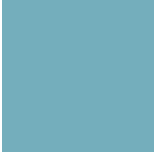
This preview shows how white text looks on a background with the Hex color 6BB398.

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](#).

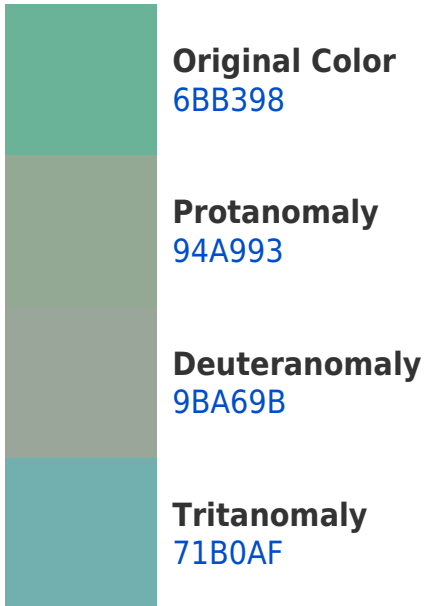
Dichromacy





Tritanopia
74AEBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BB398 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 #6BB398 looks like.

```
.text, #text, p{  
    color:#6BB398  
}
```

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 #6BB398 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BB398
}
```

Border

The CSS property to change the border of an element to Hex 6BB398 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
#6BB398 }
```

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

```
.border{ border-color:#6BB398 }
```

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

Here you see how a box with a 4 pixel #6BB398 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BB398; -webkit-box-shadow:4px 4px  
4px 4px #6BB398; box-shadow:4px 4px 4px  
4px #6BB398 }
```

Background

The CSS property to change the background color of an element to Hex 6BB398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BB398 }
```

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

```
.background{ background-color:#6BB398 }
```

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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