

Converting Colors

Hex(6BB19E)

Have a look what the booklet for
Hex(6BB19E) contains.

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Color

Hex(6BB19E)

Conversions

Conversions Part 1

Format	Color
Hex	6BB19E
RGB	107, 177, 158
RGB Percent	42%, 69%, 62%
CMY	0.5804, 0.3059, 0.3804
CMYK	0.40, 0.00, 0.11, 0.31
HSL	164°, 31%, 56%
HSV	164°, 40%, 69%
XYZ	27.9571, 37.0387, 38.0234
YIQ	153.9040, -35.6210, -20.7490

Conversions

Conversions Part 2

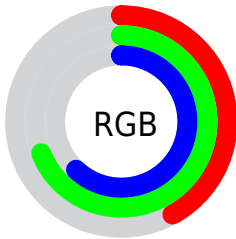
Format	Color
RYB	107, 147, 177
Decimal	7057822
CIELab	67.31, -26.56, 2.79
CIElCh	67, 26.701, 174.001
Yxy	37.0387, 0.2714, 0.3595
Android (android.graphics.Color)	4285247902 (0xFF6BB19E)
YUV	153.9040, 2.0193, -41.1348
Hunter-Lab	60.8594, -24.5062, 5.5587

Details

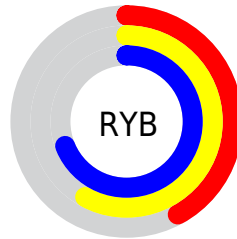
The Hex color **6BB19E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **B16B7E**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A1E9D5**, and **367C6B** is the 20% darker color. If you saturate the color by 10%, you get **59B199**, and if you desaturate by 10%, it is **7DB1A3**.

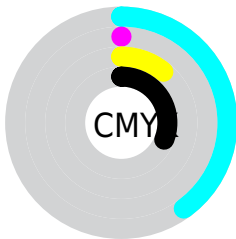
Distribution



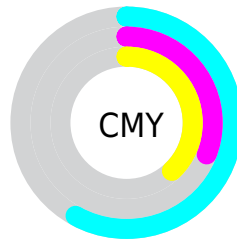
- Red (42%)
- Green (69%)
- Blue (62%)



- Red (42%)
- Yellow (58%)
- Blue (69%)



- Cyan (40%)
- Magenta (0%)
- Yellow (11%)
- Black (31%)



- Cyan (58%)
- Magenta (31%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BB19E 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 6BB19E by changing the saturation by 10% instead.



6BB19E



6BB19E

FFFFFF



519684



A1E9D5



367C6B



BDFFF1



196353



DAFFFF



004B3C



F7FFFF



003326



002011



000000



6BB19E



6BB19E



59B199



7DB1A3

 48B194

 8EB1A8

 36B190

 A0B1AC

 24B18B

 B2B1B1

 12B186

 C4B1B6

 01B181

 D5B1BB

 00B181

 E7B1C0

 F9B1C4

 FFB1C9

Harmonies

Analogous

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



85AE87



6BB19E



5BB1B7

Triad

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



6BB19E



A19FD0



CC997E

Complementary

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



6BB19E



B16B7E

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.



D49391



6BB19E



BE97C0

Square

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



6BB19E



7FA8D3



D093AA



BAA174

Rectangle

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



6BB19E



5DAFC4



D093AA



D09684

Sweetspot

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



6BB19E



CAE6DE



7FB16B



63736E



F2F2F2



737373

Same Dimension

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



6BB19E



7AE6C8



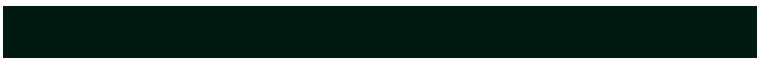
6BA2B1



505957



00996F



001A13

Inverse Universe

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



B16B7E



E67A97



B17A6B



595053



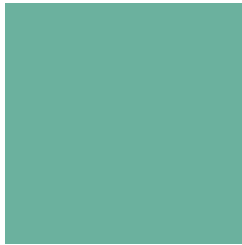
99002A



1A0007

Previews

White Background



This preview shows how the Hex color 6BB19E looks on a white background.

Color Contrast Check

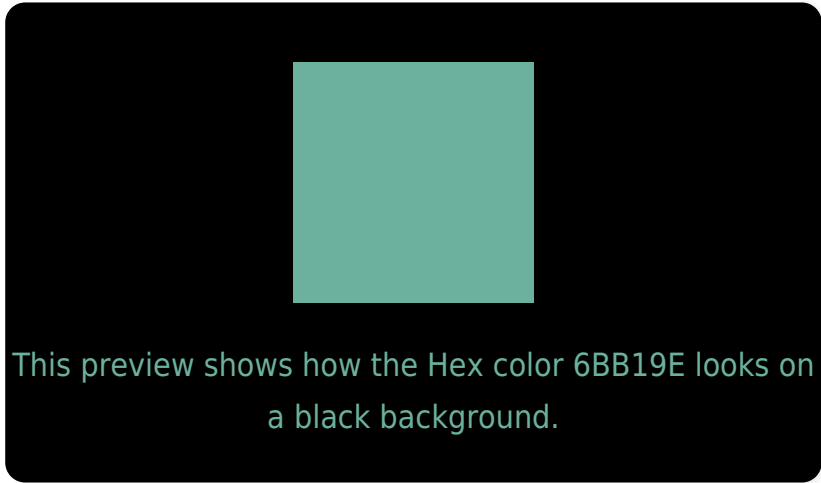
Large Text (above 18pt) WCAG AA × Fail

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

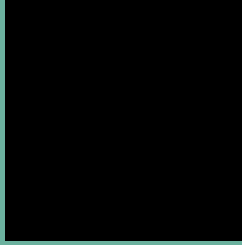
Any Text WCAG AA ✓ Pass

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 6BB19E Background



This preview shows how black text looks on a background with the Hex color 6BB19E.

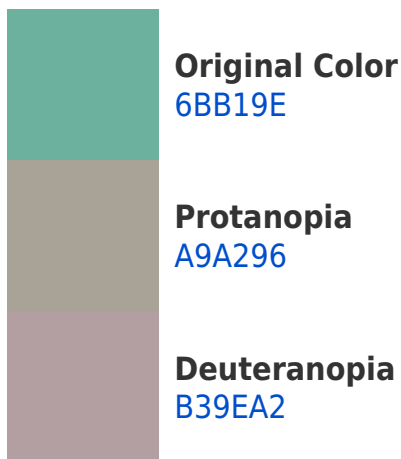


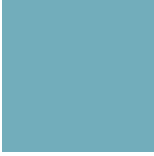
This preview shows how white text looks on a background with the Hex color 6BB19E.

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](#).

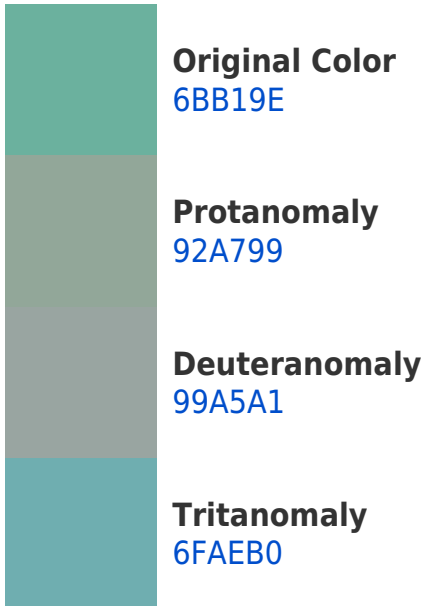
Dichromacy





Tritanopia
72ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BB19E 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 #6BB19E looks like.

```
.text, #text, p{  
    color:#6BB19E  
}
```

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 #6BB19E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BB19E
}
```

Border

The CSS property to change the border of an element to Hex 6BB19E 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
#6BB19E }
```

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

```
.border{ border-color:#6BB19E }
```

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

Here you see how a box with a 4 pixel #6BB19E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BB19E; -webkit-box-shadow:4px 4px  
4px 4px #6BB19E; box-shadow:4px 4px 4px  
4px #6BB19E }
```

Background

The CSS property to change the background color of an element to Hex 6BB19E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BB19E }
```

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

```
.background{ background-color:#6BB19E }
```

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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