

Converting Colors

Hex(6BA989)

Have a look what the booklet for
Hex(6BA989) contains.

Hex(6BA989)	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(6BA989)

Conversions

Conversions Part 1

Format	Color
Hex	6BA989
RGB	107, 169, 137
RGB Percent	42%, 66%, 54%
CMY	0.5804, 0.3373, 0.4627
CMYK	0.37, 0.00, 0.19, 0.34
HSL	149°, 26%, 54%
HSV	149°, 37%, 66%
XYZ	24.7667, 33.3079, 28.7906
YIQ	146.8140, -26.6800, -23.0960

Conversions

Conversions Part 2

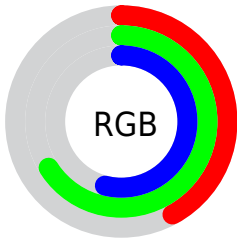
Format	Color
RYB	107, 149, 169
Decimal	7055753
CIELab	64.41, -27.23, 10.27
CIELCh	64, 29.104, 159.341
Yxy	33.3079, 0.2851, 0.3834
Android (android.graphics.Color)	4285245833 (0xFF6BA989)
YUV	146.8140, -4.8383, -34.9169
Hunter-Lab	57.7130, -24.3969, 10.8217

Details

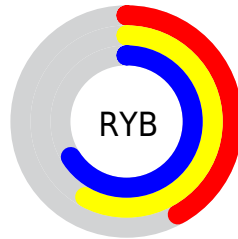
The Hex color **6BA989** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A96B8B**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **A0E1BE**, and **387457** is the 20% darker color. If you saturate the color by 10%, you get **5AA980**, and if you desaturate by 10%, it is **7CA992**.

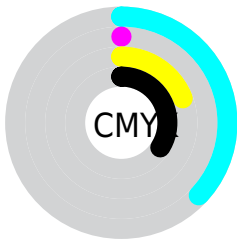
Distribution



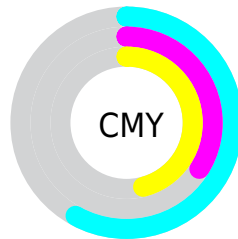
- Red (42%)
- Green (66%)
- Blue (54%)



- Red (42%)
- Yellow (58%)
- Blue (66%)



- Cyan (37%)
- Magenta (0%)
- Yellow (19%)
- Black (34%)



- Cyan (58%)
- Magenta (34%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BA989 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 6BA989 by changing the saturation by 10% instead.

 6BA989

 6BA989

FFFFFF

 518E70

 A0E1BE

 387457

 BCFDDA

 1D5C40

 D8FFF7

 00442A

 F5FFFF

 002D15

 001800

 000000

 6BA989

 6BA989

 5AA980

 7CA992

 49A978

 8DA99A

 38A96F

 9EA9A3

 27A966

 AFA9AC

 16A95D

 BFA9B5

 06A955

 D0A9BD

 00A952

 E1A9C6

 F2A9CF

 FFA9D8

Harmonies

Analogous

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



8AA473



6BA989



50ABA4

Triad

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



6BA989



869CCF



CD8C7C

Complementary

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



6BA989



A96B8B

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.



D08995



6BA989



AA93C4

Square

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



6BA989



60A4CC



C48BAF



BE946C

Rectangle

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



6BA989



47AAB5



C48BAF



CF8B84

Sweetspot

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



6BA989



C3DBC9



8BA96B



5F6E66



EDEDED



6E6E6E

Same Dimension

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



6BA989



7BDBA9



6BA9A8



4C5450



009448



00140A

Inverse Universe

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



A96B8B



DB7BAD



A96B6C



544C50



94004C



14000B

Previews

White Background



This preview shows how the Hex color 6BA989 looks on a white background.

Color Contrast Check

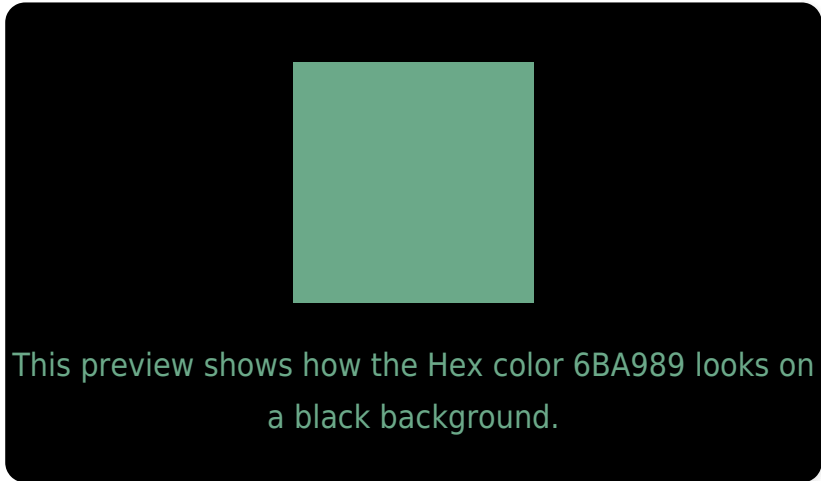
Large Text (above 18pt) WCAG AA × Fail

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

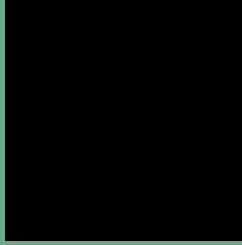
Any Text WCAG AA ✓ Pass

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 6BA989 Background



This preview shows how black text looks on a background with the Hex color 6BA989.

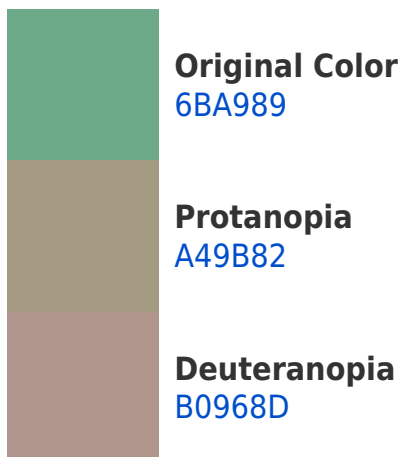


This preview shows how white text looks on a background with the Hex color 6BA989.

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](#).

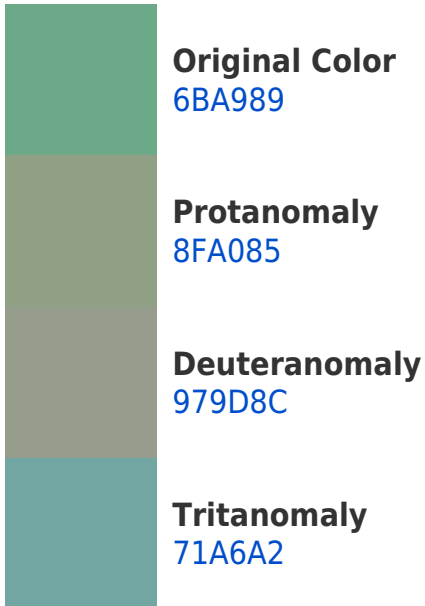
Dichromacy



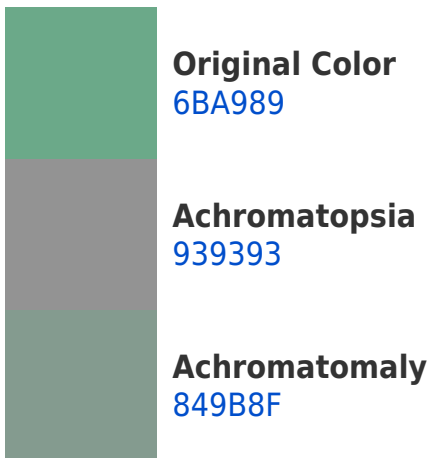


Tritanopia
74A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BA989 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 #6BA989 looks like.

```
.text, #text, p{  
    color:#6BA989  
}
```

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 #6BA989 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BA989
}
```

Border

The CSS property to change the border of an element to Hex 6BA989 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
#6BA989 }
```

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

```
.border{ border-color:#6BA989 }
```

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

Here you see how a box with a 4 pixel #6BA989 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BA989; -webkit-box-shadow:4px 4px  
4px 4px #6BA989; box-shadow:4px 4px 4px  
4px #6BA989 }
```

Background

The CSS property to change the background color of an element to Hex 6BA989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BA989 }
```

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

```
.background{ background-color:#6BA989 }
```

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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