

Converting Colors

Hex(6BA08A)

Have a look what the booklet for
Hex(6BA08A) contains.

Hex(6BA08A)	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(6BA08A)

Conversions

Conversions Part 1

Format	Color
Hex	6BA08A
RGB	107, 160, 138
RGB Percent	42%, 63%, 54%
CMY	0.5804, 0.3725, 0.4588
CMYK	0.33, 0.00, 0.14, 0.37
HSL	155°, 22%, 52%
HSV	155°, 33%, 63%
XYZ	23.2217, 30.1024, 28.6312
YIQ	141.6450, -24.5260, -18.0780

Conversions

Conversions Part 2

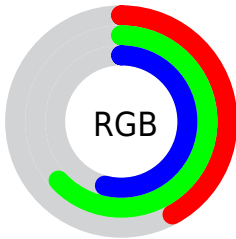
Format	Color
RYB	107, 140, 160
Decimal	7053450
CIELab	61.74, -22.52, 5.91
CIElCh	62, 23.283, 165.303
Yxy	30.1024, 0.2833, 0.3673
Android (android.graphics.Color)	4285243530 (0xFF6BA08A)
YUV	141.6450, -1.7970, -30.3837
Hunter-Lab	54.8656, -20.4655, 7.4659

Details

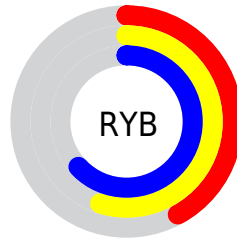
The Hex color **6BA08A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A06B81**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A0D7BF**, and **396C58** is the 20% darker color. If you saturate the color by 10%, you get **5BA083**, and if you desaturate by 10%, it is **7BA091**.

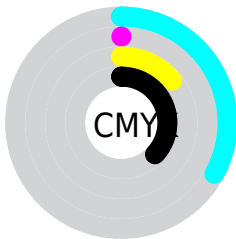
Distribution



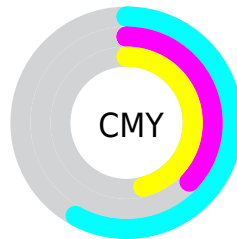
- Red (42%)
- Green (63%)
- Blue (54%)



- Red (42%)
- Yellow (55%)
- Blue (63%)



- Cyan (33%)
- Magenta (0%)
- Yellow (14%)
- Black (37%)



- Cyan (58%)
- Magenta (37%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BA08A 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 6BA08A by changing the saturation by 10% instead.



6BA08A



6BA08A

FFFFFF



528671



A0D7BF



396C58



BBF3DB



205441



D8FFF8



033C2B



F4FFFF



002616



000C00



000000



6BA08A



6BA08A



5BA083



7BA091

■ 4BA07D

■ 8BA097

■ 3BA076

■ 9BA09E

■ 2BA06F

■ ABA0A5

■ 1BA069

■ BBA0AB

■ 0BA062

■ CBA0B2

■ 00A05E

■ DBA0B8

■ EBA0BF

■ FBA0C6

Harmonies

Analogous

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



829D78



6BA08A



5AA19F

Triad

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



6BA08A



8B93BD



BB8A79

Complementary

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



6BA08A



A06B81

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.



BF868B



6BA08A



A58CB2

Square

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



6BA08A



6E9ABC



B887A0



AD906E

Rectangle

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



6BA08A



58A0AC



B887A0



BE887E

Sweetspot

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



6BA08A



BCD1C8



81A06B



5C6963



E8E8E8



696969

Same Dimension

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



6BA08A



7DD1AE



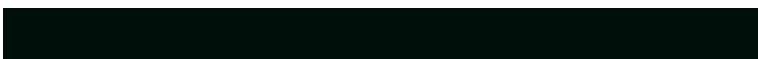
6B9CA0



474F4C



008F54



000F09

Inverse Universe

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



A06B81



D17DA0



A06F6B



4F474A



8F003B



0F0006

Previews

White Background



This preview shows how the Hex color 6BA08A looks on a white background.

Color Contrast Check

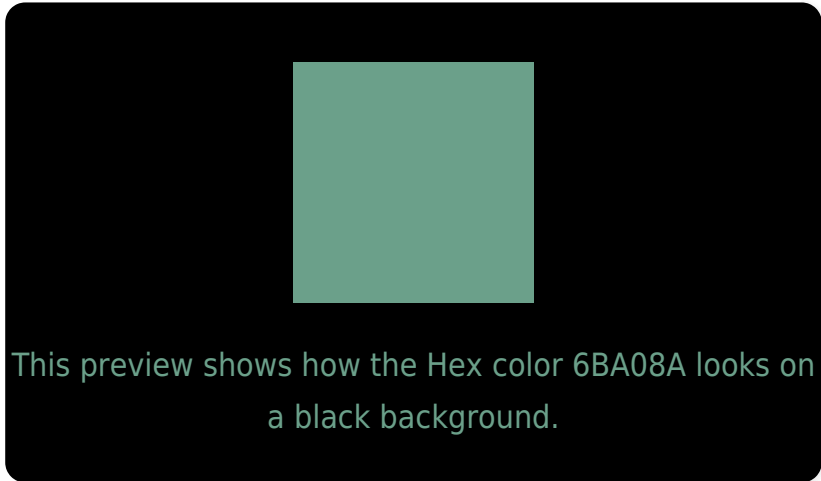
Large Text (above 18pt) WCAG AA × Fail

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 6BA08A Background



This preview shows how black text looks on a background with the Hex color 6BA08A.

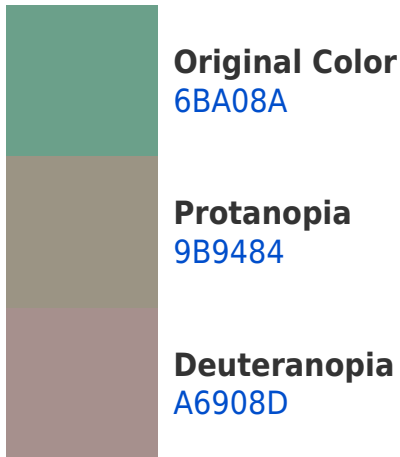


This preview shows how white text looks on a background with the Hex color 6BA08A.

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



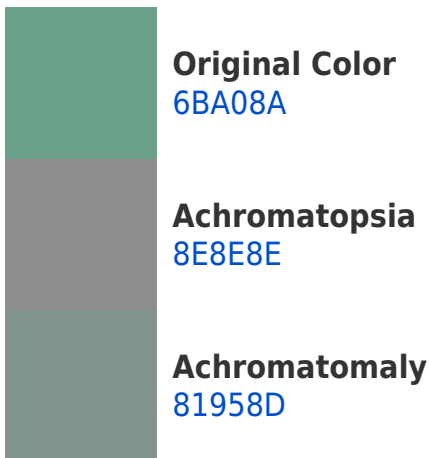


Tritanopia
729CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BA08A 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 #6BA08A looks like.

```
.text, #text, p{  
    color:#6BA08A  
}
```

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 #6BA08A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BA08A
}
```

Border

The CSS property to change the border of an element to Hex 6BA08A 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
#6BA08A }
```

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

```
.border{ border-color:#6BA08A }
```

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

Here you see how a box with a 4 pixel #6BA08A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BA08A; -webkit-box-shadow:4px 4px  
4px 4px #6BA08A; box-shadow:4px 4px 4px  
4px #6BA08A }
```

Background

The CSS property to change the background color of an element to Hex 6BA08A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BA08A }
```

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

```
.background{ background-color:#6BA08A }
```

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