

Converting Colors

Hex(6BA87A)

Have a look what the booklet for
Hex(6BA87A) contains.

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Color

Hex(6BA87A)

Conversions

Conversions Part 1

Format	Color
Hex	6BA87A
RGB	107, 168, 122
RGB Percent	42%, 66%, 48%
CMY	0.5804, 0.3412, 0.5216
CMYK	0.36, 0.00, 0.27, 0.34
HSL	135°, 26%, 54%
HSV	135°, 36%, 66%
XYZ	23.5789, 32.5362, 23.4497
YIQ	144.5170, -21.5900, -27.2380

Conversions

Conversions Part 2

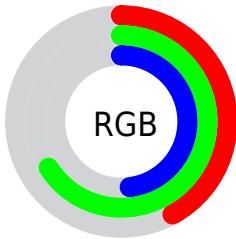
Format	Color
RYB	107, 156, 168
Decimal	7055482
CIELab	63.78, -29.72, 17.68
CIELCh	64, 34.583, 149.263
Yxy	32.5362, 0.2963, 0.4089
Android (android.graphics.Color)	4285245562 (0xFF6BA87A)
YUV	144.5170, -11.1009, -32.9024
Hunter-Lab	57.0405, -26.0342, 15.5539

Details

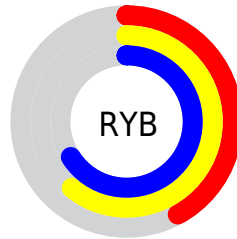
The Hex color **6BA87A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A86B99**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A0E0AF**, and **387349** is the 20% darker color. If you saturate the color by 10%, you get **5AA86D**, and if you desaturate by 10%, it is **7CA887**.

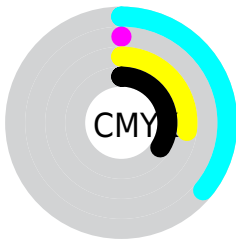
Distribution



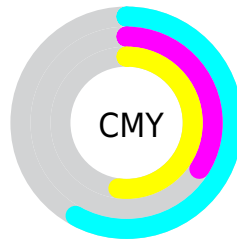
- Red (42%)
- Green (66%)
- Blue (48%)



- Red (42%)
- Yellow (61%)
- Blue (66%)



- Cyan (36%)
- Magenta (0%)
- Yellow (27%)
- Black (34%)



- Cyan (58%)
- Magenta (34%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6BA87A 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 6BA87A by changing the saturation by 10% instead.

 6BA87A

 6BA87A

FFFFFF

 518D61

 A0E0AF

 387349

 BCFCCA

 1E5B32

 D8FFE6

 00431D

 F5FFFF

 002C05

 001600

 000000

 6BA87A

 6BA87A

 5AA86D

 7CA887

 49A861

 8DA893

 39A854

 9DA8A0

 28A847

 AEA8AD

 17A83B

 BFA8B9

 06A82E

 D0A8C6

 00A829

 E1A8D3

 F1A8DF

 FFA8EC

Harmonies

Analogous

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



90A264



6BA87A



42AB99

Triad

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



6BA87A



6D9ED8



D6857E

Complementary

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



6BA87A



A86B99

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.



D4839C



6BA87A



9D93D0

Square

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



6BA87A



37A6CF



C188BA



C88E66

Rectangle

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



6BA87A



25ABAE



C188BA



D78388

Sweetspot

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



6BA87A



C3DBC9



9AA86B



5F6E63



EDEDED



6E6E6E

Same Dimension

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



6BA87A



7BDB93



6BA898



4C544E



009424



001405

Inverse Universe

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



A86B99



DB7BC4



A86B7B



544C52



940070



14000F

Previews

White Background



This preview shows how the Hex color 6BA87A looks on a white background.

Color Contrast Check

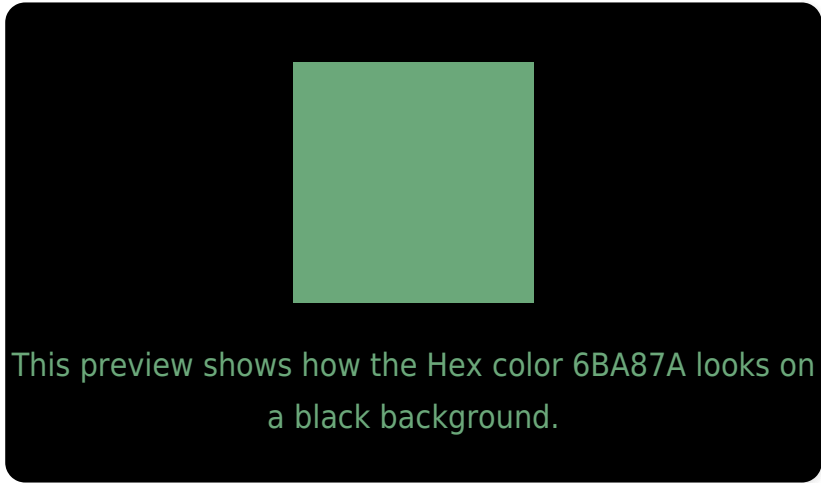
Large Text (above 18pt) WCAG AA × Fail

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

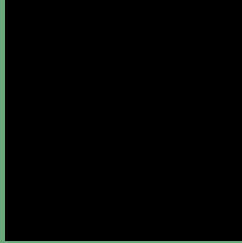
Any Text WCAG AA ✓ Pass

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 6BA87A Background



This preview shows how black text looks on a background with the Hex color 6BA87A.

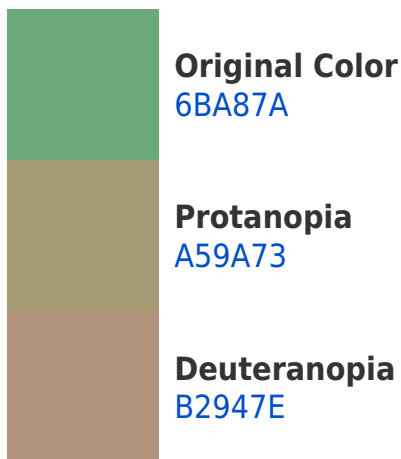


This preview shows how white text looks on a background with the Hex color 6BA87A.

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](#).

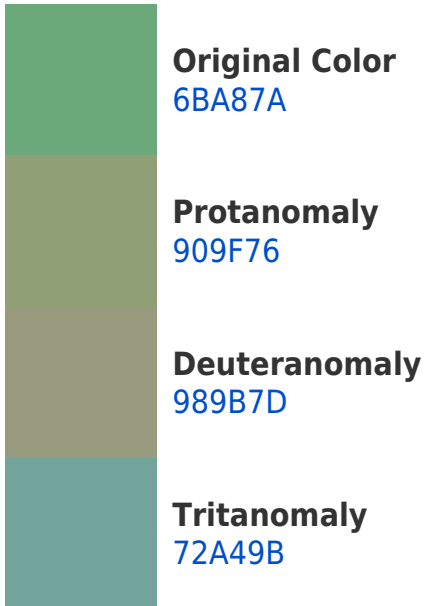
Dichromacy



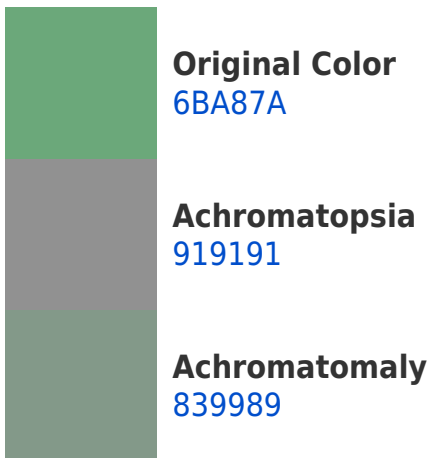


Tritanopia
76A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BA87A 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 #6BA87A looks like.

```
.text, #text, p{  
    color:#6BA87A  
}
```

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 #6BA87A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BA87A
}
```

Border

The CSS property to change the border of an element to Hex 6BA87A 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
#6BA87A }
```

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

```
.border{ border-color:#6BA87A }
```

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

Here you see how a box with a 4 pixel #6BA87A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BA87A; -webkit-box-shadow:4px 4px  
4px 4px #6BA87A; box-shadow:4px 4px 4px  
4px #6BA87A }
```

Background

The CSS property to change the background color of an element to Hex 6BA87A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BA87A }
```

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

```
.background{ background-color:#6BA87A }
```

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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