

Converting Colors

Hex(6ABB87)

Have a look what the booklet for
Hex(6ABB87) contains.

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Color

Hex(6ABB87)

Conversions

Conversions Part 1

Format	Color
Hex	6ABB87
RGB	106, 187, 135
RGB Percent	42%, 73%, 53%
CMY	0.5843, 0.2667, 0.4706
CMYK	0.43, 0.00, 0.28, 0.27
HSL	141°, 37%, 57%
HSV	141°, 43%, 73%
XYZ	28.0874, 40.3541, 29.2304
YIQ	156.8530, -31.5840, -33.3440

Conversions

Conversions Part 2

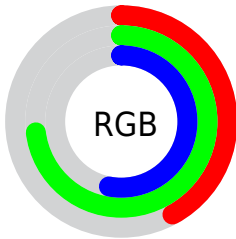
Format	Color
RYB	106, 166, 187
Decimal	6994823
CIELab	69.72, -36.45, 18.78
CIELCh	70, 41.000, 152.746
Yxy	40.3541, 0.2876, 0.4132
Android (android.graphics.Color)	4285184903 (0xFF6ABB87)
YUV	156.8530, -10.7735, -44.5981
Hunter-Lab	63.5249, -32.2452, 17.1856

Details

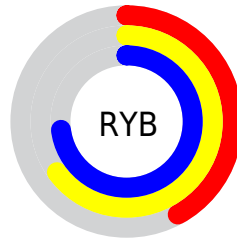
The Hex color **6ABB87** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BB6A9E**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **A1F4BC**, and **338555** is the 20% darker color. If you saturate the color by 10%, you get **57BB7B**, and if you desaturate by 10%, it is **7DBB93**.

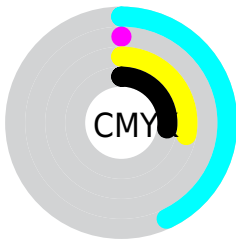
Distribution



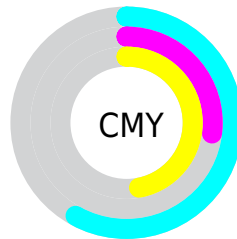
- Red (42%)
- Green (73%)
- Blue (53%)



- Red (42%)
- Yellow (65%)
- Blue (73%)



- Cyan (43%)
- Magenta (0%)
- Yellow (28%)
- Black (27%)



- Cyan (58%)
- Magenta (27%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6ABB87 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 6ABB87 by changing the saturation by 10% instead.



6ABB87



6ABB87

FFFFFF



4FA06E



A1F4BC



338555



BDFFD8



136B3D



DAFFF5



005327



F7FFFF



003B12



002600



000000



6ABB87



6ABB87



57BB7B



7DBB93

 45BB6F

 8FBB9F

 32BB63

 A2BBAB

 1FBB57

 B5BBB7

 0DBB4B

 C8BBC3

 00BB43

 DABBCF

 EDBBDB

 FFBBE7

 FFBBF3

Harmonies

Analogous

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



98B46A



6ABB87



2CBEAD

Triad

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



6ABB87



78ADF4



F09184

Complementary

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



6ABB87



BB6A9E

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.



F08DA8



6ABB87



B39FE9

Square

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



6ABB87



25B7EC



DC93CD



DE9C69

Rectangle

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



6ABB87



00BEC6



DC93CD



F28E8F

Sweetspot

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



6ABB87



D3F2DE



9FBB6A



677A6E



FAFAFA



7A7A7A

Same Dimension

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



6ABB87



74F2A1



6ABBAF



555E58



009E39



001F0B

Inverse Universe

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



BB6A9E



F274C5



BB6A76



5E555B



9E0065



1F0014

Previews

White Background



This preview shows how the Hex color 6ABB87 looks on a white background.

Color Contrast Check

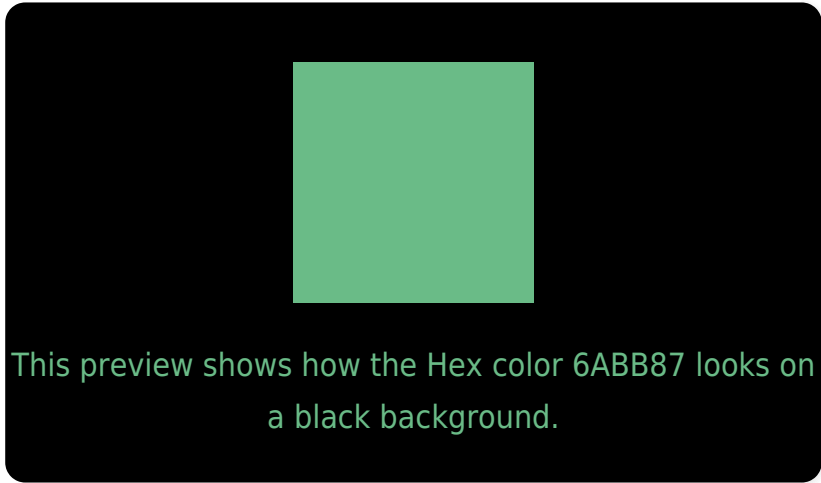
Large Text (above 18pt) WCAG AA × Fail

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

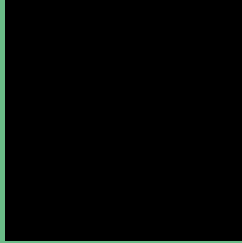
Any Text WCAG AA ✓ Pass

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 6ABB87 Background



This preview shows how black text looks on a background with the Hex color 6ABB87.

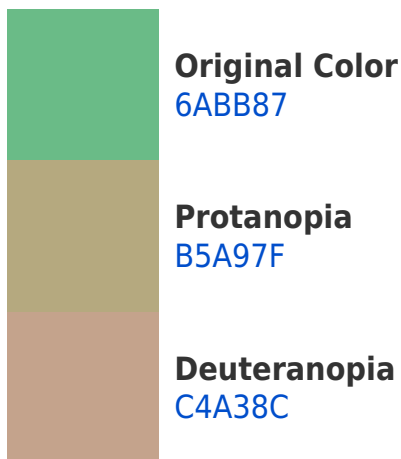


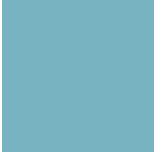
This preview shows how white text looks on a background with the Hex color 6ABB87.

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](#).

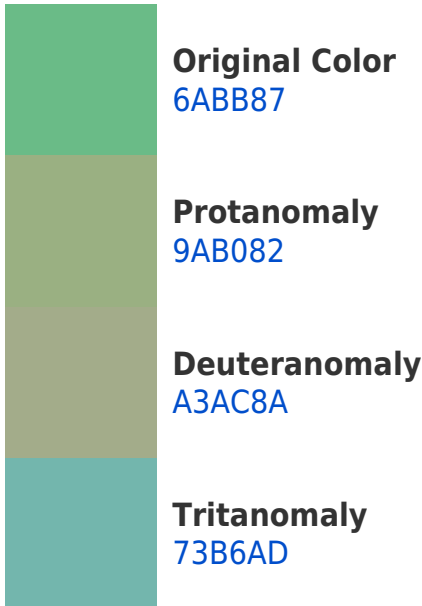
Dichromacy



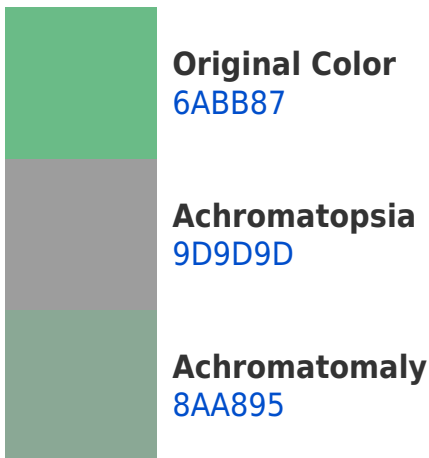


Tritanopia
78B3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6ABB87 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 #6ABB87 looks like.

```
.text, #text, p{  
    color:#6ABB87  
}
```

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 #6ABB87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ABB87
}
```

Border

The CSS property to change the border of an element to Hex 6ABB87 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
#6ABB87 }
```

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

```
.border{ border-color:#6ABB87 }
```

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

Here you see how a box with a 4 pixel #6ABB87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ABB87; -webkit-box-shadow:4px 4px  
4px 4px #6ABB87; box-shadow:4px 4px 4px  
4px #6ABB87 }
```

Background

The CSS property to change the background color of an element to Hex 6ABB87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ABB87 }
```

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

```
.background{ background-color:#6ABB87 }
```

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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