

Converting Colors

Hex(6AB3A1)

Have a look what the booklet for
Hex(6AB3A1) contains.

Hex(6AB3A1)	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(6AB3A1)

Conversions

Conversions Part 1

Format	Color
Hex	6AB3A1
RGB	106, 179, 161
RGB Percent	42%, 70%, 63%
CMY	0.5843, 0.2980, 0.3686
CMYK	0.41, 0.00, 0.10, 0.30
HSL	165°, 32%, 56%
HSV	165°, 41%, 70%
XYZ	28.4970, 37.8776, 39.5274
YIQ	155.1210, -37.7300, -21.0740

Conversions

Conversions Part 2

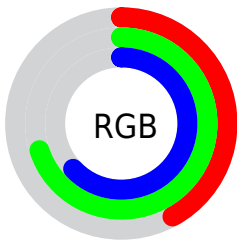
Format	Color
RYB	106, 148, 179
Decimal	6992801
CIELab	67.93, -27.12, 2.03
CIELCh	68, 27.195, 175.710
Yxy	37.8776, 0.2691, 0.3577
Android (android.graphics.Color)	4285182881 (0xFF6AB3A1)
YUV	155.1210, 2.8983, -43.0791
Hunter-Lab	61.5448, -25.0527, 5.0021

Details

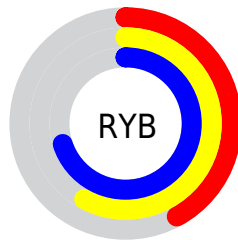
The Hex color **6AB3A1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B36A7C**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **A0EBD8**, and **347E6E** is the 20% darker color. If you saturate the color by 10%, you get **58B39D**, and if you desaturate by 10%, it is **7CB3A5**.

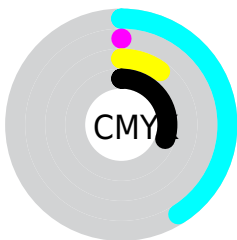
Distribution



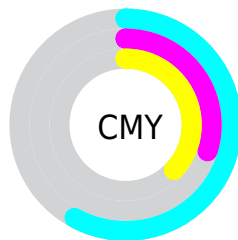
- Red (42%)
- Green (70%)
- Blue (63%)



- Red (42%)
- Yellow (58%)
- Blue (70%)



- Cyan (41%)
- Magenta (0%)
- Yellow (10%)
- Black (30%)



- Cyan (58%)
- Magenta (30%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AB3A1 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 6AB3A1 by changing the saturation by 10% instead.



6AB3A1



6AB3A1

FFFFFF



4F9887



A0EBD8



347E6E



BDFFF4



166555



D9FFFF



004C3E



F6FFFF



003528



002114



000000



6AB3A1



6AB3A1



58B39D



7CB3A5

 46B398


 8EB3AA

 34B394

 A0B3AE

 22B38F

 B2B3B3

 11B38B

 C4B3B7

 00B387

 D5B3BB

 E7B3C0

 F9B3C4

 FFB3C9

Harmonies

Analogous

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



85B089



6AB3A1



5AB3BA

Triad

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



6AB3A1



A4A0D2



CE9B7E

Complementary

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



6AB3A1



B36A7C

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.



D79591



6AB3A1



C298C1

Square

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



6AB3A1



81A9D6



D394AA



BAA375

Rectangle

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



6AB3A1



5DB1C8



D394AA



D29883

Sweetspot

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



6AB3A1



CCE8E1



7CB36A



657571



F5F5F5



757575

Same Dimension

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



6AB3A1



76E8CC



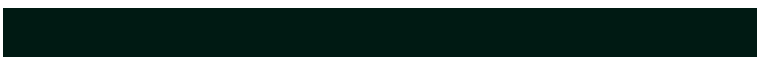
6AA1B3



505957



009973



001A13

Inverse Universe

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



B36A7C



E87692



B37C6A



595053



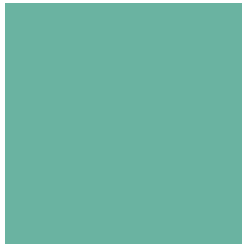
990026



1A0006

Previews

White Background



This preview shows how the Hex color 6AB3A1 looks on a white background.

Color Contrast Check

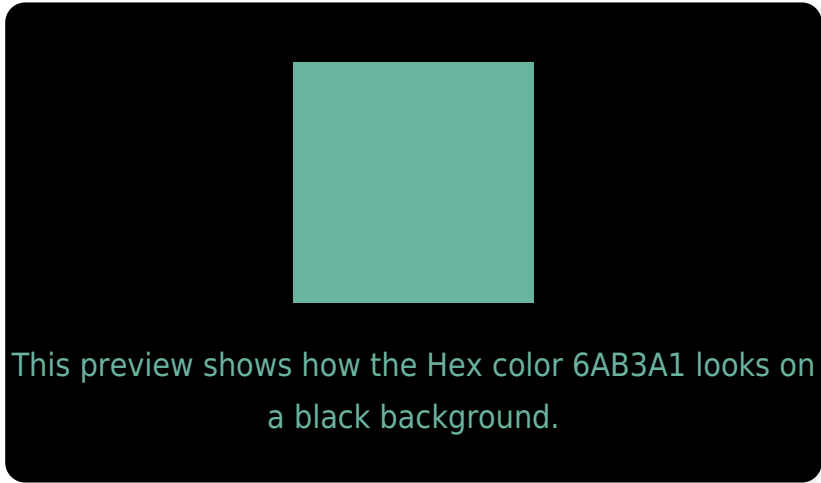
Large Text (above 18pt) WCAG AA × Fail

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

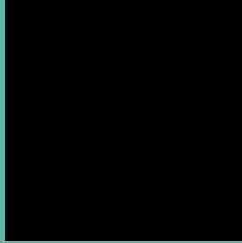
Any Text WCAG AA ✓ Pass

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 6AB3A1 Background



This preview shows how black text looks on a background with the Hex color 6AB3A1.

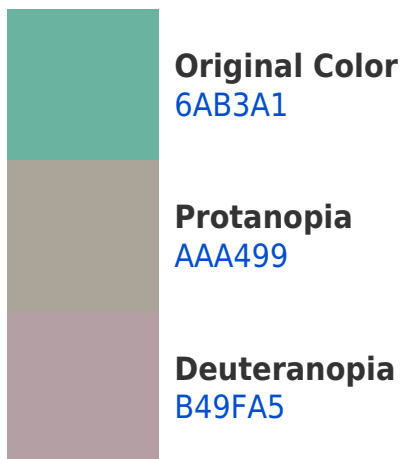


This preview shows how white text looks on a background with the Hex color 6AB3A1.

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](#).

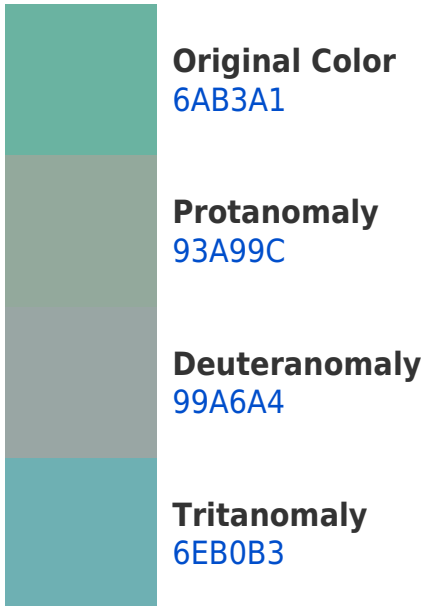
Dichromacy



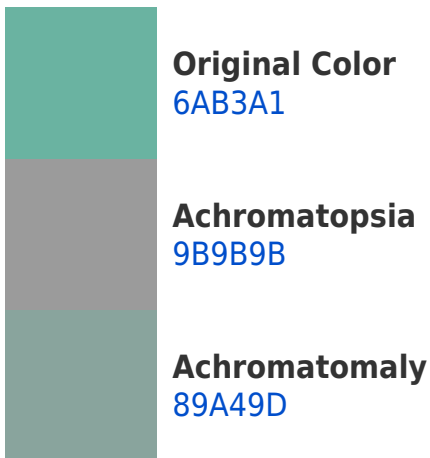


Tritanopia
71AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AB3A1 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 #6AB3A1 looks like.

```
.text, #text, p{  
    color:#6AB3A1  
}
```

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 #6AB3A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AB3A1
}
```

Border

The CSS property to change the border of an element to Hex 6AB3A1 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
#6AB3A1 }
```

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

```
.border{ border-color:#6AB3A1 }
```

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

Here you see how a box with a 4 pixel #6AB3A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AB3A1; -webkit-box-shadow:4px 4px  
4px 4px #6AB3A1; box-shadow:4px 4px 4px  
4px #6AB3A1 }
```

Background

The CSS property to change the background color of an element to Hex 6AB3A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AB3A1 }
```

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

```
.background{ background-color:#6AB3A1 }
```

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