

Converting Colors

Hex(6AC1A1)

Have a look what the booklet for
Hex(6AC1A1) contains.

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Color

Hex(6AC1A1)

Conversions

Conversions Part 1

Format	Color
Hex	6AC1A1
RGB	106, 193, 161
RGB Percent	42%, 76%, 63%
CMY	0.5843, 0.2431, 0.3686
CMYK	0.45, 0.00, 0.17, 0.24
HSL	158°, 41%, 59%
HSV	158°, 45%, 76%
XYZ	31.4468, 43.7773, 40.5107
YIQ	163.3390, -41.5800, -28.3960

Conversions

Conversions Part 2

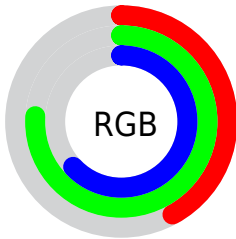
Format	Color
R _{YB}	106, 159, 193
Decimal	6996385
CIE Lab	72.08, -33.83, 8.01
CIE LCh	72, 34.769, 166.673
Yxy	43.7773, 0.2717, 0.3783
Android (android.graphics.Color)	4285186465 (0xFF6AC1A1)
YUV	163.3390, -1.1531, -50.2863
Hunter-Lab	66.1644, -30.9497, 10.0135

Details

The Hex color **6AC1A1** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C16A8A**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **A1FAD8**, and **328B6D** is the 20% darker color. If you saturate the color by 10%, you get **57C19A**, and if you desaturate by 10%, it is **7DC1A8**.

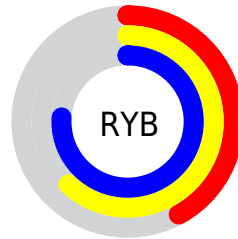
Distribution



Red (42%)

Green (76%)

Blue (63%)



Red (42%)

Yellow (62%)

Blue (76%)

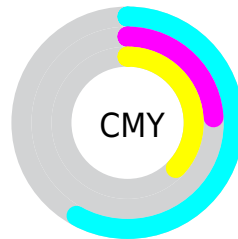


Cyan (45%)

Magenta (0%)

Yellow (17%)

Black (24%)



Cyan (58%)

Magenta (24%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AC1A1 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 6AC1A1 by changing the saturation by 10% instead.



6AC1A1



6AC1A1

FFFFFF



4EA687



A1FAD8



328B6D



BEFFF4



0D7155



DBFFFF



00583E



F8FFFF



004028



002A14



000E00



000000



6AC1A1



6AC1A1

■ 57C19A

■ 7DC1A8

■ 43C193

■ 91C1AF

■ 30C18C

■ A4C1B6

■ 1DC185

■ B7C1BD

■ 09C17E

■ CBC1C4

■ 00C17A

■ DEC1CC

■ F1C1D3

■ FFC1DA

■ FFC1E1

Harmonies

Analogous

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



91BC84



6AC1A1



47C2C2

Triad

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



6AC1A1



A0AEED



E89F84

Complementary

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



6AC1A1



C16A8A

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.



F099A0



6AC1A1



CBA2DC

Square

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



6AC1A1



6EB8EE



E69AC0



D3AA73

Rectangle

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



6AC1A1



40C0D6



E69AC0



EC9D8C

Sweetspot

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



6AC1A1



D7FAED



8BC16A



687D75



FCFCFC



7D7D7D

Same Dimension

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



6AC1A1



73FAC8



6AB7C1



57615D



00A166



002115

Inverse Universe

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



C16A8A



FA73A5



C1746A



61575B



A1003B



21000C

Previews

White Background



This preview shows how the Hex color 6AC1A1 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



This preview shows how the Hex color 6AC1A1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

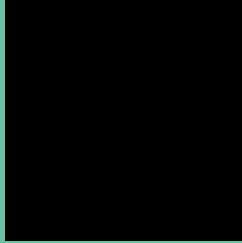
Any Text WCAG AA ✓ Pass

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 6AC1A1 Background



This preview shows how black text looks on a background with the Hex color 6AC1A1.

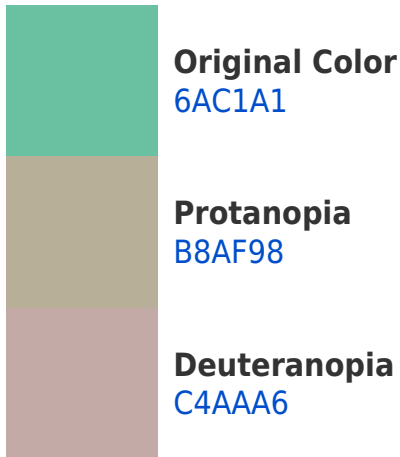


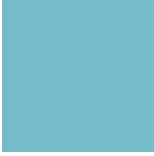
This preview shows how white text looks on a background with the Hex color 6AC1A1.

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
75BBCA

Trichromacy



Original Color
6AC1A1



Protanomaly
9CB69B



Deuteranomaly
A3B2A4

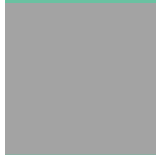


Tritanomaly
71BDBB

Monochromacy



Original Color
6AC1A1



Achromatopsia
A3A3A3



Achromatomaly
8EAEA2

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AC1A1 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 #6AC1A1 looks like.

```
.text, #text, p{  
    color:#6AC1A1  
}
```

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 #6AC1A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AC1A1
}
```

Border

The CSS property to change the border of an element to Hex 6AC1A1 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
#6AC1A1 }
```

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

```
.border{ border-color:#6AC1A1 }
```

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

Here you see how a box with a 4 pixel #6AC1A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AC1A1; -webkit-box-shadow:4px 4px  
4px 4px #6AC1A1; box-shadow:4px 4px 4px  
4px #6AC1A1 }
```

Background

The CSS property to change the background color of an element to Hex 6AC1A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AC1A1 }
```

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

```
.background{ background-color:#6AC1A1 }
```

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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