

Converting Colors

Hex(6AC3A9)

Have a look what the booklet for
Hex(6AC3A9) contains.

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Color

Hex(6AC3A9)

Conversions

Conversions Part 1

Format	Color
Hex	6AC3A9
RGB	106, 195, 169
RGB Percent	42%, 76%, 66%
CMY	0.5843, 0.2353, 0.3373
CMYK	0.46, 0.00, 0.13, 0.24
HSL	162°, 43%, 59%
HSV	162°, 46%, 76%
XYZ	32.6204, 44.9590, 44.4948
YIQ	165.4250, -44.6980, -26.9540

Conversions

Conversions Part 2

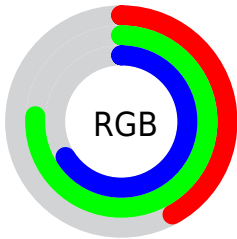
Format	Color
RYB	106, 158, 195
Decimal	6996905
CIELab	72.86, -32.97, 4.80
CIElCh	73, 33.317, 171.717
Yxy	44.9590, 0.2672, 0.3683
Android (android.graphics.Color)	4285186985 (0xFF6AC3A9)
YUV	165.4250, 1.7625, -52.1157
Hunter-Lab	67.0514, -30.5001, 7.5916

Details

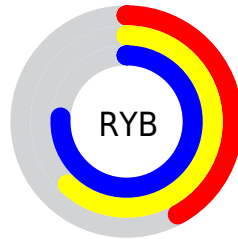
The Hex color **6AC3A9** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C36A84**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **A2FCE0**, and **318D75** is the 20% darker color. If you saturate the color by 10%, you get **57C3A3**, and if you desaturate by 10%, it is **7EC3AF**.

Distribution



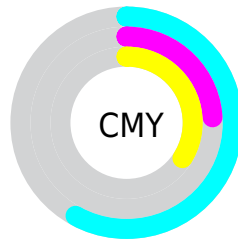
- Red (42%)
- Green (76%)
- Blue (66%)



- Red (42%)
- Yellow (62%)
- Blue (76%)



- Cyan (46%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)



- Cyan (58%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AC3A9 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 6AC3A9 by changing the saturation by 10% instead.

 6AC3A9

 6AC3A9

FFFFFF

 4EA88F

 A2FCE0

 318D75

 BEFFFD

 09735C

 DBFFFF

 005A45

 F9FFFF

 00422F

 002B1A

 001200

 000000

 6AC3A9

 6AC3A9

■ 57C3A3

■ 7EC3AF

■ 43C39E

■ 91C3B4

■ 30C398

■ A5C3BA

■ 1CC392

■ B8C3C0

■ 09C38D

■ CCC3C5

■ 00C38A

■ DFC3CB

■ F3C3D1

■ FFC3D7

■ FFC3DC

Harmonies

Analogous

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



8EBF8C



6AC3A9



4EC3C8

Triad

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



6AC3A9



ABAEEB



E6A484

Complementary

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



6AC3A9



C36A84

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.



F09D9E



6AC3A9



D1A3D9

Square

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



6AC3A9



7DB8EF



E99DBD



D0AE77

Rectangle

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



6AC3A9



4DC1DA



E99DBD



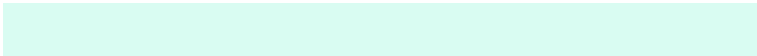
EBA18C

Sweetspot

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



6AC3A9



D9FCF2



85C36A



6A8079



000000



808080

Same Dimension

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



6AC3A9



72FCD4



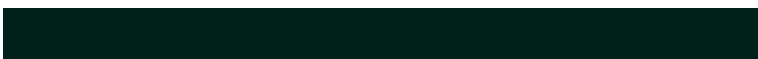
6AB1C3



57615E



00A172



002117

Inverse Universe

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



C36A84



FC729A



C37C6A



61575A



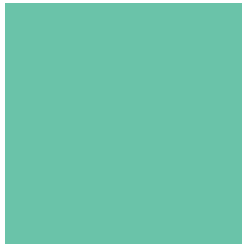
A1002F



21000A

Previews

White Background



This preview shows how the Hex color 6AC3A9 looks on a white background.

Color Contrast Check

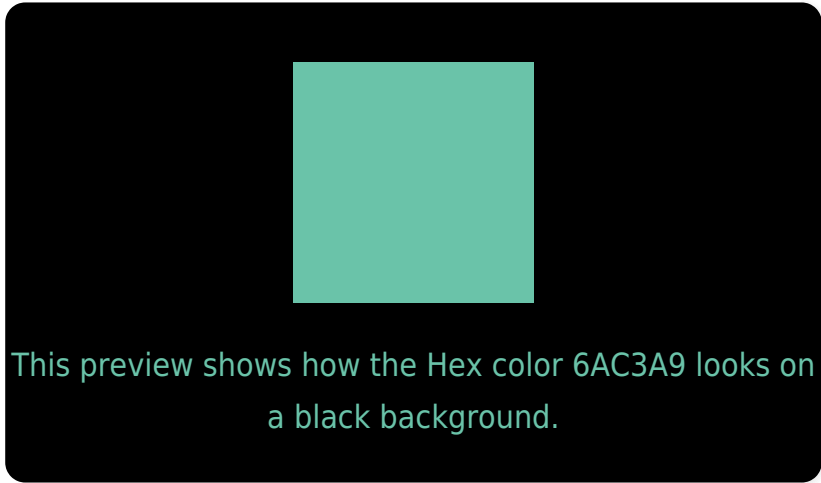
Large Text (above 18pt) WCAG AA × Fail

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

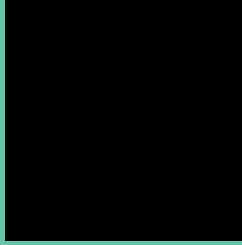
Any Text WCAG AA ✓ Pass

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 6AC3A9 Background



This preview shows how black text looks on a background with the Hex color 6AC3A9.

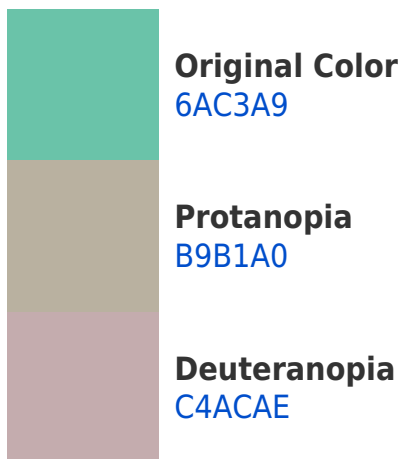


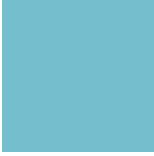
This preview shows how white text looks on a background with the Hex color 6AC3A9.

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](#).

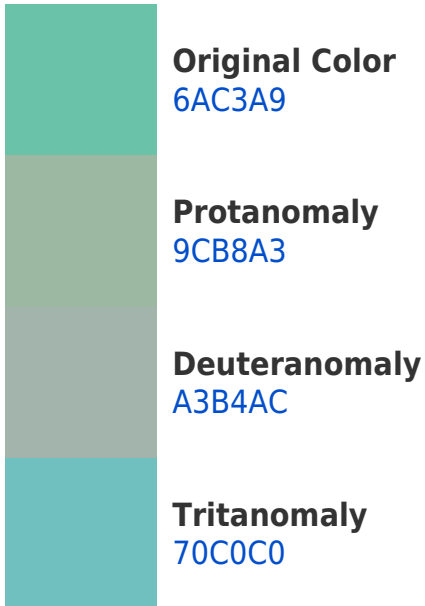
Dichromacy



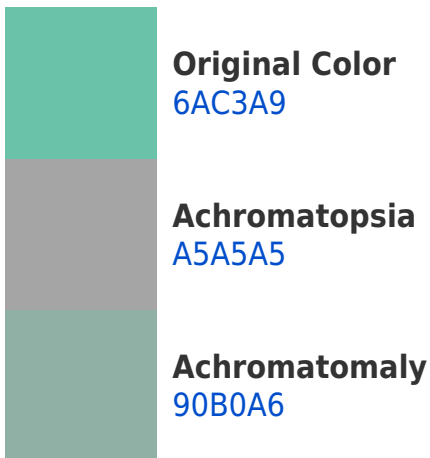


Tritanopia
74BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AC3A9 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 #6AC3A9 looks like.

```
.text, #text, p{  
    color:#6AC3A9  
}
```

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 #6AC3A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AC3A9
}
```

Border

The CSS property to change the border of an element to Hex 6AC3A9 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
#6AC3A9 }
```

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

```
.border{ border-color:#6AC3A9 }
```

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

Here you see how a box with a 4 pixel #6AC3A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AC3A9; -webkit-box-shadow:4px 4px  
4px 4px #6AC3A9; box-shadow:4px 4px 4px  
4px #6AC3A9 }
```

Background

The CSS property to change the background color of an element to Hex 6AC3A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AC3A9 }
```

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

```
.background{ background-color:#6AC3A9 }
```

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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