

Converting Colors

Hex(6AD9C9)

Have a look what the booklet for
Hex(6AD9C9) contains.

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Color

Hex(6AD9C9)

Conversions

Conversions Part 1

Format	Color
Hex	6AD9C9
RGB	106, 217, 201
RGB Percent	42%, 85%, 79%
CMY	0.5843, 0.1490, 0.2118
CMYK	0.51, 0.00, 0.07, 0.15
HSL	171°, 59%, 63%
HSV	171°, 51%, 85%
XYZ	41.2993, 56.9069, 64.0658
YIQ	181.9870, -61.0200, -28.5080

Conversions

Conversions Part 2

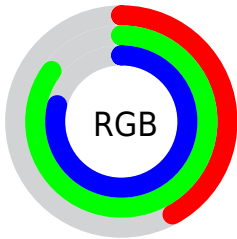
Format	Color
RYB	106, 166, 217
Decimal	7002569
CIELab	80.13, -35.63, -1.85
CIELCh	80, 35.681, 182.980
Yxy	56.9069, 0.2545, 0.3507
Android (android.graphics.Color)	4285192649 (0xFF6AD9C9)
YUV	181.9870, 9.3734, -66.6406
Hunter-Lab	75.4367, -34.2908, 2.4527

Details

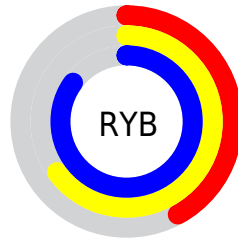
The Hex color **6AD9C9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D96A7A**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **A5FFFF**, and **29A293** is the 20% darker color. If you saturate the color by 10%, you get **54D9C6**, and if you desaturate by 10%, it is **80D9CC**.

Distribution



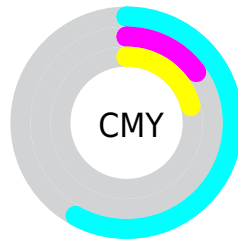
- Red (42%)
- Green (85%)
- Blue (79%)



- Red (42%)
- Yellow (65%)
- Blue (85%)



- Cyan (51%)
- Magenta (0%)
- Yellow (7%)
- Black (15%)



- Cyan (58%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AD9C9 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 6AD9C9 by changing the saturation by 10% instead.

 6AD9C9

 6AD9C9

FFFFFF

 4CBDAE

 A5FFFF

 29A293

 C2FFFF

 008779

 E0FFFF

 006D61

FEFFFF

 005449

 003C33

 00271D

 000105

 000000

 6AD9C9

 6AD9C9

 54D9C6

 80D9CC

 3FD9C3

 95D9CF

 29D9C0

 ABD9D2

 13D9BC

 C1D9D6

 00D9BA

 D7D9D9

 ECD9DC

 FFD9DF

 FFD9E2

 FFD9E5

Harmonies

Analogous

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



90D6A7



6AD9C9



56D8EA

Triad

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



6AD9C9



D0BDFF



F7BA8C

Complementary

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



6AD9C9



D96A7A

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.



FFB1A4



6AD9C9



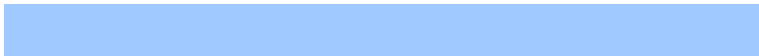
F4B2E6

Square

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



6AD9C9



9FC9FF



FFAEC5



DBC684

Rectangle

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



6AD9C9



62D5FB



FFAEC5



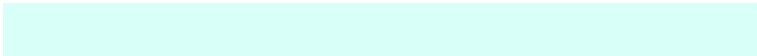
FEB793

Sweetspot

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



6AD9C9



D9FFF9



7BD96A



69807C



000000



808080

Same Dimension

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



6AD9C9



63FFE9



6AB2D9



636E6C



00AD94



002E27

Inverse Universe

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



D96A7A



FF637A



D9916A



6E6364



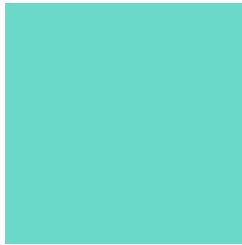
AD0019



2E0007

Previews

White Background



This preview shows how the Hex color 6AD9C9 looks on a white background.

Color Contrast Check

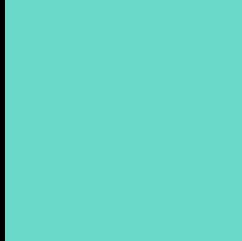
Large Text (above 18pt) WCAG AA × Fail

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 6AD9C9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

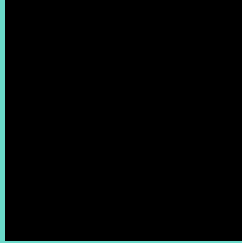
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

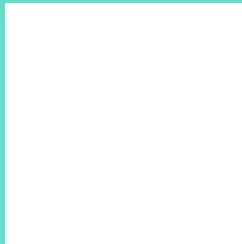
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6AD9C9 Background



This preview shows how black text looks on a background with the Hex color 6AD9C9.

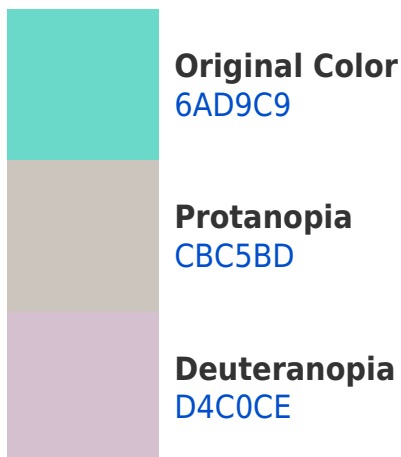


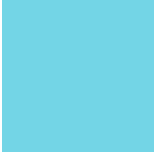
This preview shows how white text looks on a background with the Hex color 6AD9C9.

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



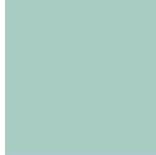


Tritanopia
73D5E6

Trichromacy



Original Color
6AD9C9



Protanomaly
A8CCC1



Deuteranomaly
ADC9CC

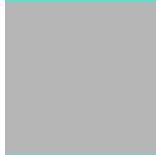


Tritanomaly
70D6DB

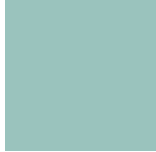
Monochromacy



Original Color
6AD9C9



Achromatopsia
B6B6B6



Achromatomaly
9AC3BD

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AD9C9 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 #6AD9C9 looks like.

```
.text, #text, p{  
    color:#6AD9C9  
}
```

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 #6AD9C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AD9C9
}
```

Border

The CSS property to change the border of an element to Hex 6AD9C9 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
#6AD9C9 }
```

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

```
.border{ border-color:#6AD9C9 }
```

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

Here you see how a box with a 4 pixel #6AD9C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AD9C9; -webkit-box-shadow:4px 4px  
4px 4px #6AD9C9; box-shadow:4px 4px 4px  
4px #6AD9C9 }
```

Background

The CSS property to change the background color of an element to Hex 6AD9C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AD9C9 }
```

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

```
.background{ background-color:#6AD9C9 }
```

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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