

Converting Colors

Hex(6AD1C7)

Have a look what the booklet for
Hex(6AD1C7) contains.

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Color

Hex(6AD1C7)

Conversions

Conversions Part 1

Format	Color
Hex	6AD1C7
RGB	106, 209, 199
RGB Percent	42%, 82%, 78%
CMY	0.5843, 0.1804, 0.2196
CMYK	0.49, 0.00, 0.05, 0.18
HSL	174°, 53%, 62%
HSV	174°, 49%, 82%
XYZ	39.0531, 52.7886, 62.1637
YIQ	177.0630, -58.1780, -24.9460

Conversions

Conversions Part 2

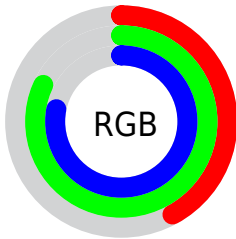
Format	Color
RYB	106, 160, 209
Decimal	7000519
CIELab	77.75, -32.38, -4.28
CIELCh	78, 32.662, 187.527
Yxy	52.7886, 0.2536, 0.3428
Android (android.graphics.Color)	4285190599 (0xFF6AD1C7)
YUV	177.0630, 10.8149, -62.3223
Hunter-Lab	72.6558, -31.2023, 0.1310

Details

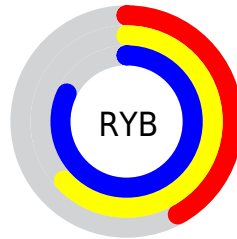
The Hex color **6AD1C7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D16A74**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **A4FFFF**, and **2B9A91** is the 20% darker color. If you saturate the color by 10%, you get **55D1C5**, and if you desaturate by 10%, it is **7FD1C9**.

Distribution



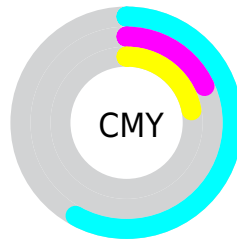
- Red (42%)
- Green (82%)
- Blue (78%)



- Red (42%)
- Yellow (63%)
- Blue (82%)



- Cyan (49%)
- Magenta (0%)
- Yellow (5%)
- Black (18%)



- Cyan (58%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AD1C7 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 6AD1C7 by changing the saturation by 10% instead.

 6AD1C7

 6AD1C7

FFFFFF

 4CB5AC


 A4FFFF

 2B9A91

 C1FFFF

 008078

 DEFFFF

 00665F

 FCFFFF

 004E47

 003631

 00221C

 000001

 000000

■ 6AD1C7

■ 6AD1C7

■ 55D1C5

■ 7FD1C9

■ 40D1C3

■ 94D1CB

■ 2BD1C1

■ A9D1CD

■ 16D1BF

■ BED1CF

■ 02D1BD

■ D3D1D1

■ 00D1BD

■ E7D1D3

■ FCD1D5

■ FFD1D7

■ FFD1D9

Harmonies

Analogous

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



89CFA8



6AD1C7



5FCFE4

Triad

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



6AD1C7



CEB6F0



E9B689

Complementary

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



6AD1C7



D16A74

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.



FAAD9D



6AD1C7



EDADD8

Square

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



6AD1C7



A4C0FC



FCAABA



CEC184

Rectangle

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



6AD1C7



6DCCF2



FCAABA



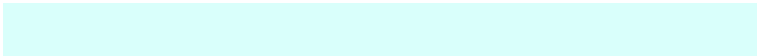
F0B38E

Sweetspot

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



6AD1C7



D9FFFB



74D16A



69807D



000000



808080

Same Dimension

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



6AD1C7



69FFF0



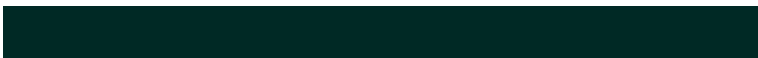
6AA8D1



5E6968



00A898



002925

Inverse Universe

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



D16A74



FF6977



D1936A



695E5F



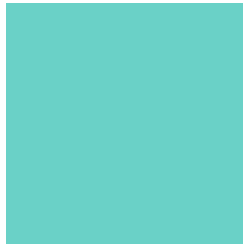
A80010



290004

Previews

White Background



This preview shows how the Hex color 6AD1C7 looks on a white background.

Color Contrast Check

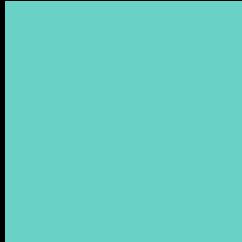
Large Text (above 18pt) WCAG AA × Fail

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 6AD1C7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

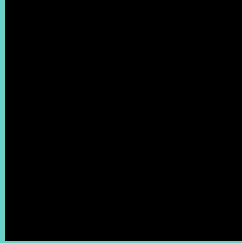
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

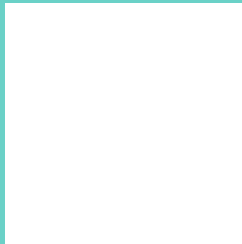
Any Text WCAG AAA ✓ Pass

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

Hex 6AD1C7 Background



This preview shows how black text looks on a background with the Hex color 6AD1C7.



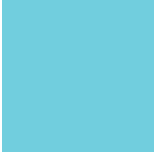
This preview shows how white text looks on a background with the Hex color 6AD1C7.

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





Trichromacy



Original Color
6AD1C7



Protanomaly
A3C5C0



Deuteranomaly
A8C2CA

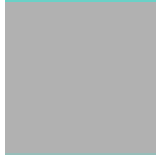


Tritanomaly
6ECFD6

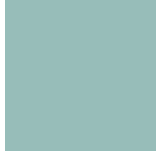
Monochromacy



Original Color
6AD1C7



Achromatopsia
B1B1B1



Achromatomaly
97BDB9

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AD1C7 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 #6AD1C7 looks like.

```
.text, #text, p{  
    color:#6AD1C7  
}
```

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 #6AD1C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AD1C7
}
```

Border

The CSS property to change the border of an element to Hex 6AD1C7 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
#6AD1C7 }
```

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

```
.border{ border-color:#6AD1C7 }
```

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

Here you see how a box with a 4 pixel #6AD1C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AD1C7; -webkit-box-shadow:4px 4px  
4px 4px #6AD1C7; box-shadow:4px 4px 4px  
4px #6AD1C7 }
```

Background

The CSS property to change the background color of an element to Hex 6AD1C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AD1C7 }
```

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

```
.background{ background-color:#6AD1C7 }
```

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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