

Converting Colors

Hex(6AD297)

Have a look what the booklet for
Hex(6AD297) contains.

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Color

Hex(6AD297)

Conversions

Conversions Part 1

Format	Color
Hex	6AD297
RGB	106, 210, 151
RGB Percent	42%, 82%, 59%
CMY	0.5843, 0.1765, 0.4078
CMYK	0.50, 0.00, 0.28, 0.18
HSL	146°, 54%, 62%
HSV	146°, 50%, 82%
XYZ	34.5764, 51.3917, 37.3754
YIQ	172.1780, -43.0450, -40.3970

Conversions

Conversions Part 2

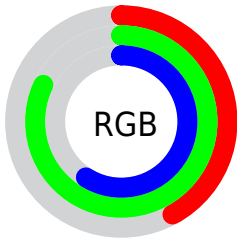
Format	Color
RYB	106, 179, 210
Decimal	7000727
CIELab	76.92, -43.57, 20.16
CIELCh	77, 48.008, 155.165
Yxy	51.3917, 0.2803, 0.4167
Android (android.graphics.Color)	4285190807 (0xFF6AD297)
YUV	172.1780, -10.4408, -58.0381
Hunter-Lab	71.6880, -39.3604, 19.2701

Details

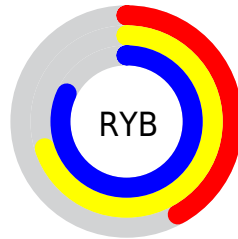
The Hex color **6AD297** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D26AA5**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **A3FFCD**, and **2E9B64** is the 20% darker color. If you saturate the color by 10%, you get **55D28B**, and if you desaturate by 10%, it is **7FD2A3**.

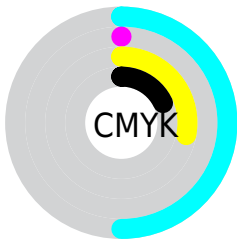
Distribution



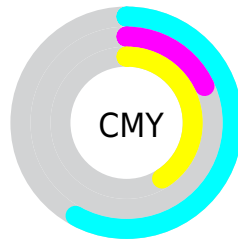
- Red (42%)
- Green (82%)
- Blue (59%)



- Red (42%)
- Yellow (70%)
- Blue (82%)



- Cyan (50%)
- Magenta (0%)
- Yellow (28%)
- Black (18%)



- Cyan (58%)
- Magenta (18%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AD297 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 6AD297 by changing the saturation by 10% instead.

 6AD297

 6AD297

FFFFFF

 4DB67D

 A3FFCD

 2E9B64

 C0FFEA

 00804C

 DDFFFF

 006634

 FBFFFF

 004D1E

 003508

 002000

 000000

 6AD297

 6AD297

 55D28B

 7FD2A3

 40D27F

 94D2AF

 2BD273

 A9D2BB

 16D267

 BED2C7

 01D25B

 D3D2D3

 00D25B

 E8D2DE

 FDD2EA

 FFD2F6

 FFD2FF

Harmonies

Analogous

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



A3CA73



6AD297



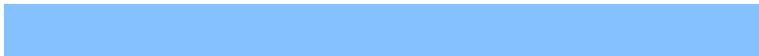
00D5C4

Triad

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



6AD297



85C0FF



FFA08D

Complementary

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



6AD297



D26AA5

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.



FF9AB8



6AD297



CCAFFF

Square

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



6AD297



00CCFF



FCA0E4



F8AE6E

Rectangle

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



6AD297



00D5E2



FCA0E4



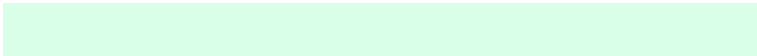
FF9D9A

Sweetspot

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



6AD297



D9FFE9



A7D26A



698072



000000



808080

Same Dimension

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



6AD297



69FFAA



6AD2C9



5E6963



00A849



002912

Inverse Universe

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



D26AA5



FF69BE



D26A73



695E64



A8005F



290017

Previews

White Background



This preview shows how the Hex color 6AD297 looks on a white background.

Color Contrast Check

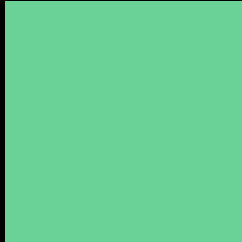
Large Text (above 18pt) WCAG AA × Fail

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 6AD297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

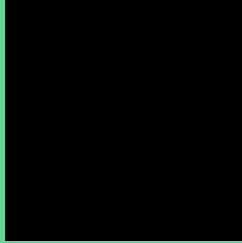
Any Text WCAG AA ✓ Pass

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 6AD297 Background



This preview shows how black text looks on a background with the Hex color 6AD297.

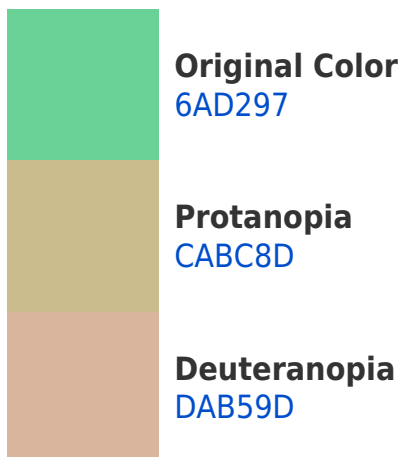


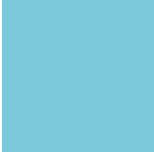
This preview shows how white text looks on a background with the Hex color 6AD297.

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
7BC9DA

Trichromacy



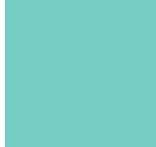
Original Color
6AD297



Protanomaly
A7C491



Deuteranomaly
B1C09B

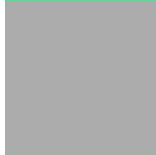


Tritanomaly
75CCC2

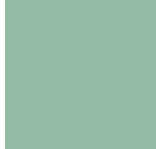
Monochromacy



Original Color
6AD297



Achromatopsia
ACACAC



Achromatomaly
94BAA4

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AD297 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 #6AD297 looks like.

```
.text, #text, p{  
    color:#6AD297  
}
```

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 #6AD297 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AD297
}
```

Border

The CSS property to change the border of an element to Hex 6AD297 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
#6AD297 }
```

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

```
.border{ border-color:#6AD297 }
```

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

Here you see how a box with a 4 pixel #6AD297 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AD297; -webkit-box-shadow:4px 4px  
4px 4px #6AD297; box-shadow:4px 4px 4px  
4px #6AD297 }
```

Background

The CSS property to change the background color of an element to Hex 6AD297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AD297 }
```

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

```
.background{ background-color:#6AD297 }
```

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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