

Converting Colors

Hex(6AD28B)

Have a look what the booklet for
Hex(6AD28B) contains.

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Color

Hex(6AD28B)

Conversions

Conversions Part 1

Format	Color
Hex	6AD28B
RGB	106, 210, 139
RGB Percent	42%, 82%, 55%
CMY	0.5843, 0.1765, 0.4549
CMYK	0.50, 0.00, 0.34, 0.18
HSL	139°, 54%, 62%
HSV	139°, 50%, 82%
XYZ	33.6507, 51.0214, 32.5006
YIQ	170.8100, -39.1930, -44.1290

Conversions

Conversions Part 2

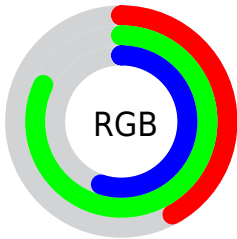
Format	Color
RYB	106, 185, 210
Decimal	7000715
CIELab	76.69, -45.82, 26.15
CIElCh	77, 52.756, 150.283
Yxy	51.0214, 0.2872, 0.4354
Android (android.graphics.Color)	4285190795 (0xFF6AD28B)
YUV	170.8100, -15.6823, -56.8384
Hunter-Lab	71.4293, -40.9091, 23.0233

Details

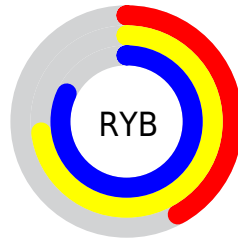
The Hex color **6AD28B** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D26AB1**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **A3FFC1**, and **2E9B58** is the 20% darker color. If you saturate the color by 10%, you get **55D27D**, and if you desaturate by 10%, it is **7FD299**.

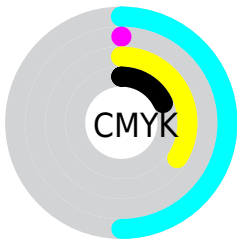
Distribution



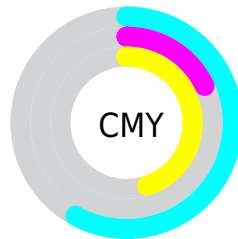
- Red (42%)
- Green (82%)
- Blue (55%)



- Red (42%)
- Yellow (73%)
- Blue (82%)



- Cyan (50%)
- Magenta (0%)
- Yellow (34%)
- Black (18%)



- Cyan (58%)
- Magenta (18%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AD28B 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 6AD28B by changing the saturation by 10% instead.

 6AD28B

 6AD28B

FFFFFF

 4DB671


 A3FFC1

 2E9B58

 C0FFDD

 008040

 DDFFFA

 006629

 FBFFFF

 004D13

 003500

 001F00

 000000

 6AD28B

 6AD28B

 55D27D

 7FD299

 40D26E

 94D2A8

 2BD260

 A9D2B6

 16D252

 BED2C4

 01D243

 D3D2D3

 00D243

 E8D2E1

 FDD2EF

 FFD2FE

 FFD2FF

Harmonies

Analogous

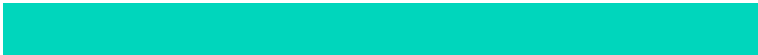
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A8C966



6AD28B



00D6BC

Triad

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



6AD28B



68C2FF



FF998F

Complementary

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



6AD28B



D26AB1

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.



FF95BF



6AD28B



C1B0FF

Square

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



6AD28B



00CFFF



FA9EEE



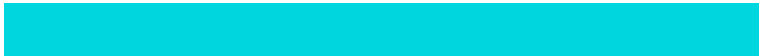
FFA969

Rectangle

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



6AD28B



00D6DE



FA9EEE



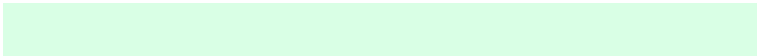
FF969E

Sweetspot

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



6AD28B



D9FFE5



B1D26A



698070



000000



808080

Same Dimension

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



6AD28B



69FF98



6AD2BF



5E6961



00A835



00290D

Inverse Universe

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



D26AB1



FF69CF



D26A7D



695E65



A80073



29001C

Previews

White Background



This preview shows how the Hex color 6AD28B 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 6AD28B 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 6AD28B Background



This preview shows how black text looks on a background with the Hex color 6AD28B.

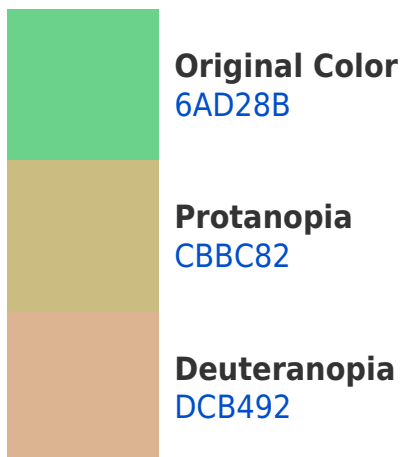


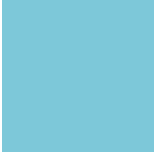
This preview shows how white text looks on a background with the Hex color 6AD28B.

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](#).

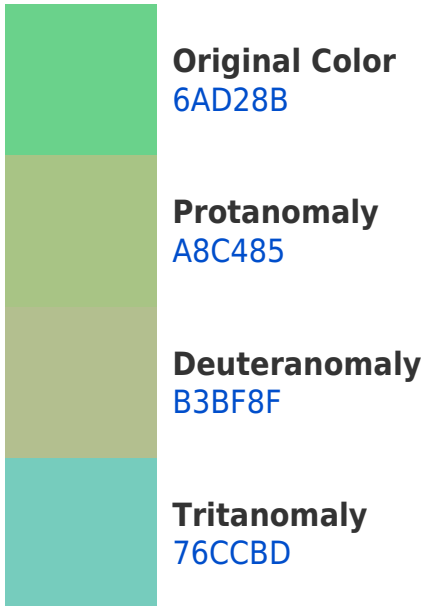
Dichromacy



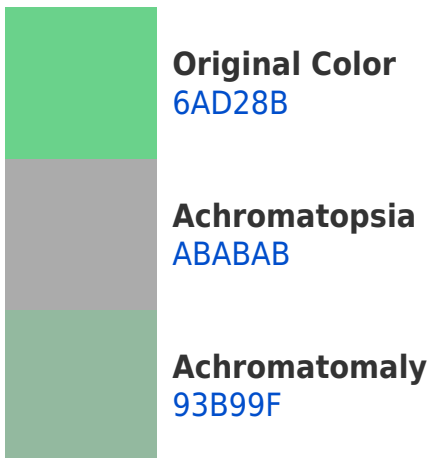


Tritanopia
7DC8D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AD28B 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 #6AD28B looks like.

```
.text, #text, p{  
    color:#6AD28B  
}
```

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 #6AD28B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AD28B
}
```

Border

The CSS property to change the border of an element to Hex 6AD28B 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
#6AD28B }
```

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

```
.border{ border-color:#6AD28B }
```

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

Here you see how a box with a 4 pixel #6AD28B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AD28B; -webkit-box-shadow:4px 4px  
4px 4px #6AD28B; box-shadow:4px 4px 4px  
4px #6AD28B }
```

Background

The CSS property to change the background color of an element to Hex 6AD28B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AD28B }
```

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

```
.background{ background-color:#6AD28B }
```

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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