

Converting Colors

Hex(8AD280)

Have a look what the booklet for
Hex(8AD280) contains.

Hex(8AD280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8AD280)

Conversions

Conversions Part 1

Format	Color
Hex	8AD280
RGB	138, 210, 128
RGB Percent	54%, 82%, 50%
CMY	0.4588, 0.1765, 0.4980
CMYK	0.34, 0.00, 0.39, 0.18
HSL	113°, 48%, 66%
HSV	113°, 39%, 82%
XYZ	37.4241, 53.0550, 28.6903
YIQ	179.1240, -16.5900, -40.7660

Conversions

Conversions Part 2

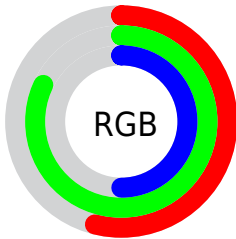
Format	Color
RYB	128, 210, 200
Decimal	9097856
CIELab	77.91, -38.30, 33.69
CIELCh	78, 51.010, 138.665
Yxy	53.0550, 0.3140, 0.4452
Android (android.graphics.Color)	4287287936 (0xFF8AD280)
YUV	179.1240, -25.2041, -36.0657
Hunter-Lab	72.8388, -35.7559, 27.6336

Details

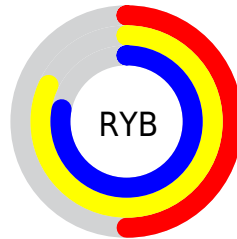
The Hex color **8AD280** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **C880D2**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **C2FFB6**, and **549B4D** is the 20% darker color. If you saturate the color by 10%, you get **78D26B**, and if you desaturate by 10%, it is **9CD295**.

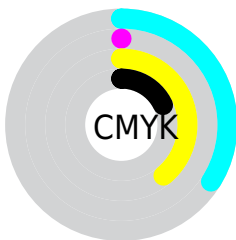
Distribution



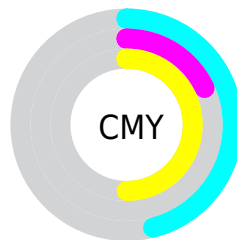
- Red (54%)
- Green (82%)
- Blue (50%)



- Red (50%)
- Yellow (82%)
- Blue (78%)



- Cyan (34%)
- Magenta (0%)
- Yellow (39%)
- Black (18%)



- Cyan (46%)
- Magenta (18%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AD280 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 8AD280 by changing the saturation by 10% instead.

 8AD280

 8AD280

FFFFFF

 6FB666

 C2FFB6

 549B4D

 DEFFD2

 398135

 FCFEE

 1C671D

 004E03

 003700

 002300

 000000

 8AD280

 8AD280

 78D26B

 9CD295

 65D256

 AFD2AA

 53D241

 C1D2BF

 40D22C

 D4D2D4

 2ED217

 E6D2E9

 1BD202

 F9D2FE

 1AD200

 FFD2FF

Harmonies

Analogous

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



C0C764



8AD280



3DD8AC

Triad

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



8AD280



42CBFF



FF9BA5

Complementary

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



8AD280



C880D2

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.



FF9CD5



8AD280



A8BBFF

Square

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



8AD280



00D5FF



EAA9FF



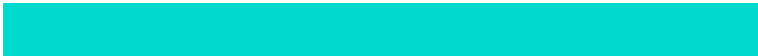
FFA77B

Rectangle

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



8AD280



00D9CD



EAA9FF



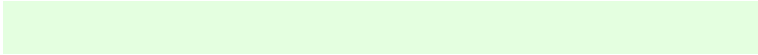
FF9AB5

Sweetspot

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



8AD280



E4FFE0



D2C780



70806E



000000



808080

Same Dimension

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



8AD280



96FF87



80D29E



5F695E



15A800



052900

Inverse Universe

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



C880D2



F087FF



D280B4



675E69



9400A8



240029

Previews

White Background



This preview shows how the Hex color 8AD280 looks on a white background.

Color Contrast Check

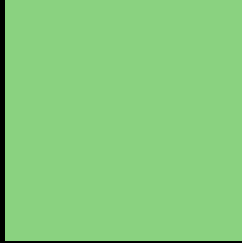
Large Text (above 18pt) WCAG AA × Fail

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 8AD280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

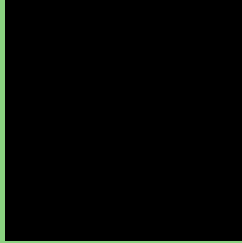
Any Text WCAG AA ✓ Pass

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 8AD280 Background



This preview shows how black text looks on a background with the Hex color 8AD280.

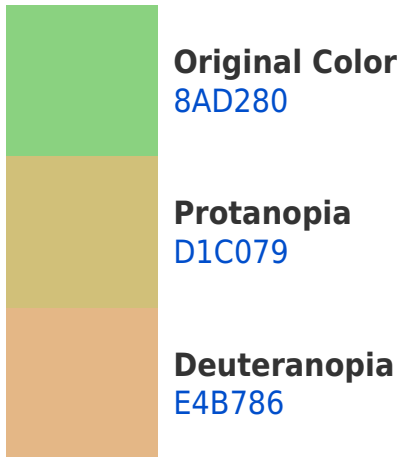


This preview shows how white text looks on a background with the Hex color 8AD280.

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](#).

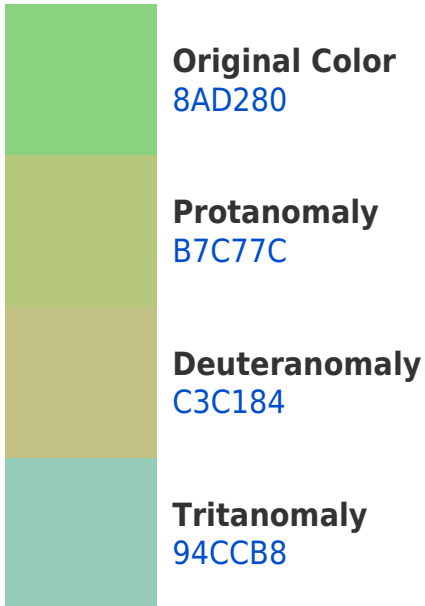
Dichromacy



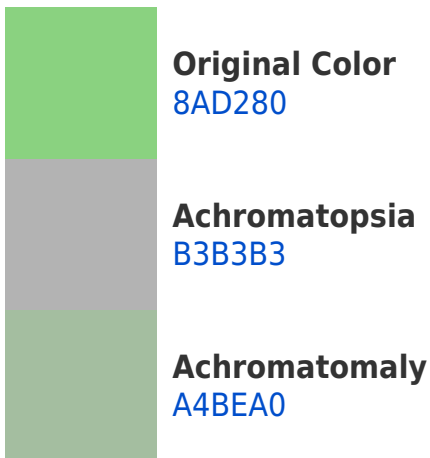


Tritanopia
9AC8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8AD280 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 #8AD280 looks like.

```
.text, #text, p{  
    color:#8AD280  
}
```

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 #8AD280 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AD280
}
```

Border

The CSS property to change the border of an element to Hex 8AD280 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
#8AD280 }
```

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

```
.border{ border-color:#8AD280 }
```

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

Here you see how a box with a 4 pixel #8AD280 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AD280; -webkit-box-shadow:4px 4px  
4px 4px #8AD280; box-shadow:4px 4px 4px  
4px #8AD280 }
```

Background

The CSS property to change the background color of an element to Hex 8AD280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AD280 }
```

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

```
.background{ background-color:#8AD280 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor