

# Converting Colors

Hex(8AD380)

Have a look what the booklet for  
Hex(8AD380) contains.

<b>Hex(8AD380)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(8AD380)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AD380
RGB	138, 211, 128
RGB Percent	54%, 83%, 50%
CMY	0.4588, 0.1725, 0.4980
CMYK	0.35, 0.00, 0.39, 0.17
HSL	113°, 49%, 66%
HSV	113°, 39%, 83%
XYZ	37.6718, 53.5503, 28.7728
YIQ	179.7110, -16.8650, -41.2890

# Conversions

## Conversions Part 2

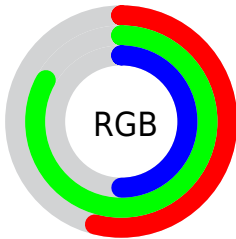
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 211, 201
Decimal	9098112
CIELab	78.20, -38.75, 34.07
CIELCh	78, 51.598, 138.678
Yxy	53.5503, 0.3139, 0.4463
Android (android.graphics.Color)	4287288192 (0xFF8AD380)
YUV	179.7110, -25.4935, -36.5805
Hunter-Lab	73.1781, -36.1706, 27.9125

# Details

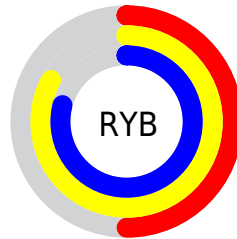
The Hex color **8AD380** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **C980D3**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **C2FFB6**, and **549C4D** is the 20% darker color. If you saturate the color by 10%, you get **77D36B**, and if you desaturate by 10%, it is **9DD395**.

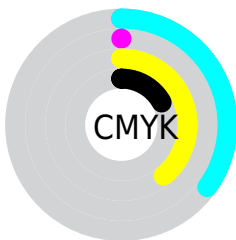
# Distribution



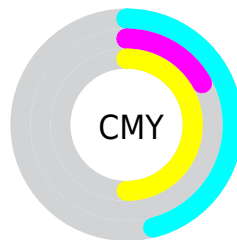
- Red (54%)
- Green (83%)
- Blue (50%)



- Red (50%)
- Yellow (83%)
- Blue (79%)



- Cyan (35%)
- Magenta (0%)
- Yellow (39%)
- Black (17%)



- Cyan (46%)
- Magenta (17%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AD380 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 8AD380 by changing the saturation by 10% instead.



 8AD380

 8AD380

FFFFFF

 6FB766

 C2FFB6

 549C4D

 DFFFD2

 398135

 FCFEE

 1C681D

 004F03

 003700

 002300

 000000

 8AD380

 8AD380

 77D36B

 9DD395

 65D356

 AFD3AA

 52D341

 C2D3BF

 40D32C

 D4D3D4

 2DD317

 E7D3EA

 1BD301

 F9D3FF

 19D300

 FFD3FF

# Harmonies

## Analogous

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



C1C864



8AD380



3BD9AD

# Triad

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



8AD380



3FCCFF



FF9BA5

# Complementary

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



8AD380



C980D3

# 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.



FF9CD6



8AD380



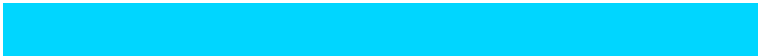
A9BCFF

# Square

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



8AD380



00D6FF



EBA9FF



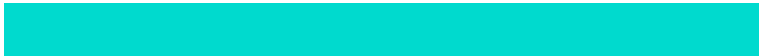
FFA77B

# Rectangle

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



8AD380



00DACE



EBA9FF



FF9AB5

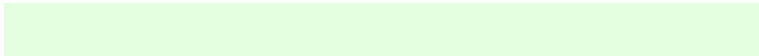


# Sweetspot

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



8AD380



E4FFE0



D3C880



70806E



000000



808080



# Same Dimension

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



8AD380



96FF87



80D39E



5F695E



14A800



052900



# Inverse Universe

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



C980D3



F187FF



D380B5



675E69



9400A8



240029



# Previews

## White Background



This preview shows how the Hex color 8AD380 looks on a white background.

## Color Contrast Check

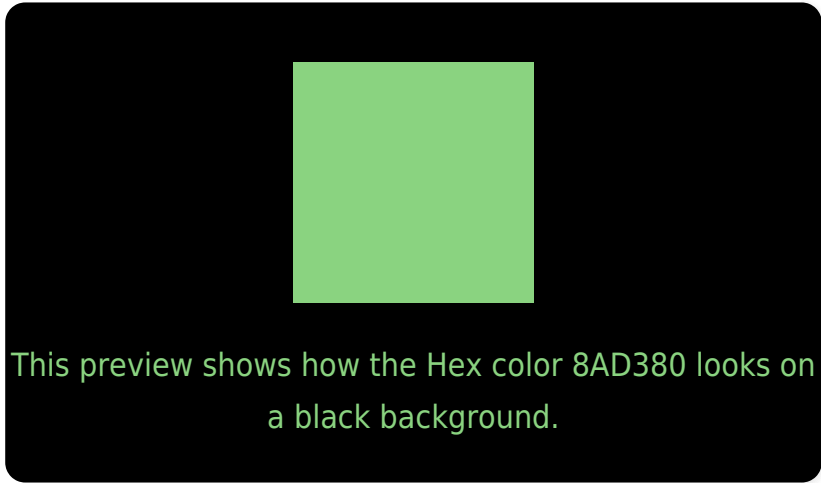
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

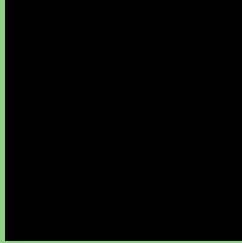
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8AD380 Background



This preview shows how black text looks on a background with the Hex color 8AD380.

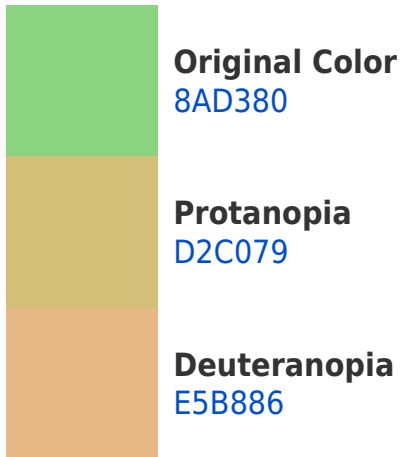


This preview shows how white text looks on a background with the Hex color 8AD380.

# 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



**Original Color**  
8AD380



**Protanomaly**  
B8C77C



**Deuteranomaly**  
C4C284



**Tritanomaly**  
94CCB8

# Monochromacy



**Original Color**  
8AD380



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
A5BFA1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AD380 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 #8AD380 looks like.

```
.text, #text, p{  
    color:#8AD380  
}
```

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 #8AD380 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AD380
}
```

## Border

The CSS property to change the border of an element to Hex 8AD380 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
#8AD380 }
```

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

```
.border{ border-color:#8AD380 }
```

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

Here you see how a box with a 4 pixel #8AD380 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AD380; -webkit-box-shadow:4px 4px  
4px 4px #8AD380; box-shadow:4px 4px 4px  
4px #8AD380 }
```

# Background

The CSS property to change the background color of an element to Hex 8AD380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AD380 }
```

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

```
.background{ background-color:#8AD380 }
```

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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