

Converting Colors

Hex(8AC288)

Have a look what the booklet for
Hex(8AC288) contains.

Hex(8AC288)	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(8AC288)

Conversions

Conversions Part 1

Format	Color
Hex	8AC288
RGB	138, 194, 136
RGB Percent	54%, 76%, 53%
CMY	0.4588, 0.2392, 0.4667
CMYK	0.29, 0.00, 0.30, 0.24
HSL	118°, 32%, 65%
HSV	118°, 30%, 76%
XYZ	34.2170, 45.7644, 30.3225
YIQ	170.6440, -14.7580, -29.9100

Conversions

Conversions Part 2

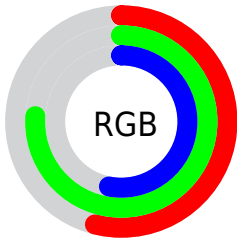
Format	Color
RYB	136, 194, 192
Decimal	9093768
CIELab	73.39, -29.62, 23.52
CIElCh	73, 37.823, 141.553
Yxy	45.7644, 0.3102, 0.4149
Android (android.graphics.Color)	4287283848 (0xFF8AC288)
YUV	170.6440, -17.0795, -28.6288
Hunter-Lab	67.6494, -28.1015, 20.7790

Details

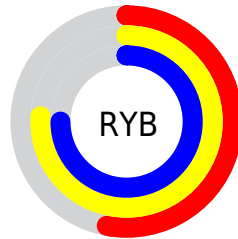
The Hex color **8AC288** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C088C2**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **C1FBBE**, and **568C56** is the 20% darker color. If you saturate the color by 10%, you get **77C275**, and if you desaturate by 10%, it is **9DC29B**.

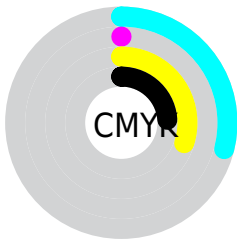
Distribution



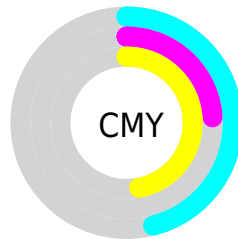
- Red (54%)
- Green (76%)
- Blue (53%)



- Red (53%)
- Yellow (76%)
- Blue (75%)



- Cyan (29%)
- Magenta (0%)
- Yellow (30%)
- Black (24%)



- Cyan (46%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AC288 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 8AC288 by changing the saturation by 10% instead.



8AC288



8AC288

FFFFFF



70A76E



C1FBBE



568C56



DFFFDA



3D723E



FAFFF6



235927



064111



002B00



001400



000000



8AC288



8AC288

 77C275

 9DC29B

 65C261

 AFC2AF

 52C24E

 C2C2C2

 3FC23A

 D5C2D6

 2CC227

 E8C2E9

 1AC214

 FAC2FC

 07C200

 FFC2FF

Harmonies

Analogous

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



B2BA73



8AC288



5EC6A9

Triad

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



8AC288



72BBF8



F89B9D

Complementary

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



8AC288



C088C2

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.



F19AC0



8AC288



AAFF5

Square

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



8AC288



3AC3EA



D7A3E0



EDA37F

Rectangle

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



8AC288



3FC7C1



D7A3E0



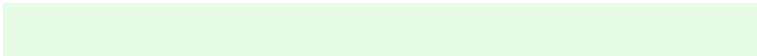
F89AA8

Sweetspot

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



8AC288



E7FCE6



C2BF88



728071



000000



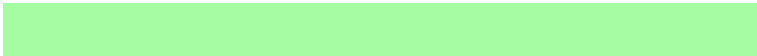
808080

Same Dimension

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



8AC288



A5FCA2



88C2A2



586157



06A100



012100

Inverse Universe

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



C088C2



F9A2FC



C288A8



615761



9B00A1



200021

Previews

White Background



This preview shows how the Hex color 8AC288 looks on a white background.

Color Contrast Check

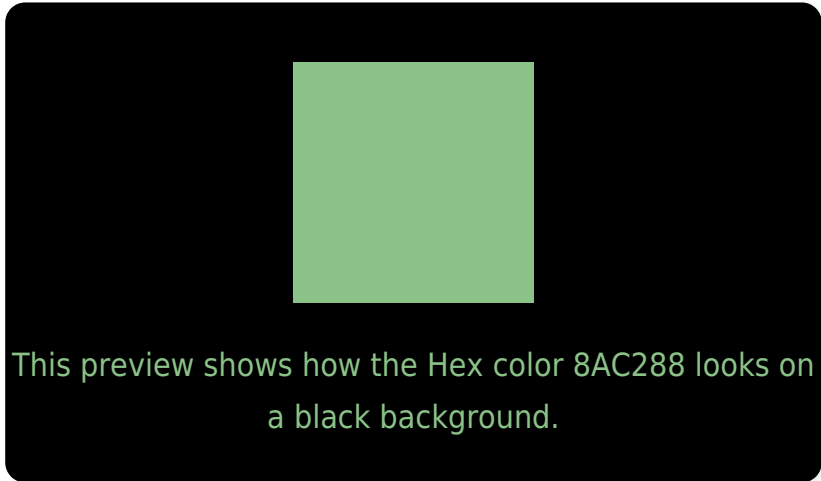
Large Text (above 18pt) WCAG AA × Fail

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

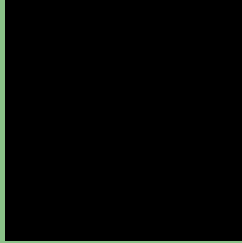
Any Text WCAG AA ✓ Pass

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 8AC288 Background



This preview shows how black text looks on a background with the Hex color 8AC288.

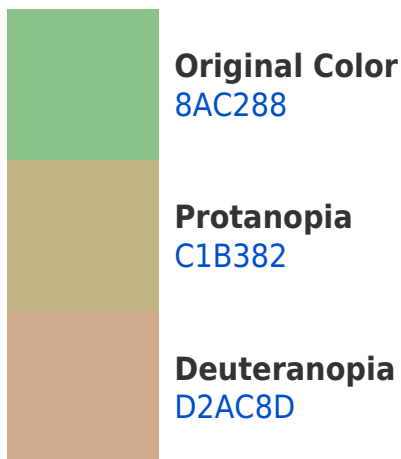


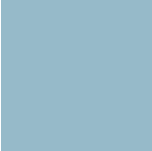
This preview shows how white text looks on a background with the Hex color 8AC288.

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](#).

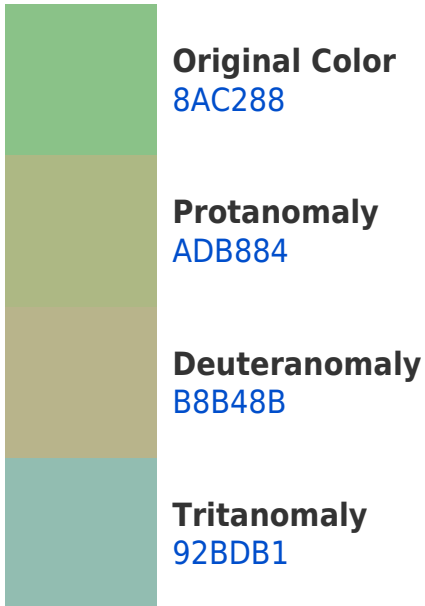
Dichromacy



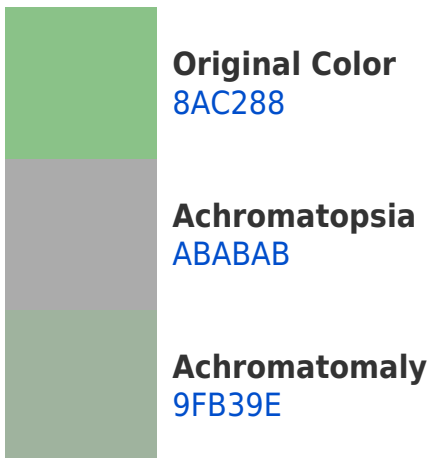


Tritanopia
96BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8AC288 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 #8AC288 looks like.

```
.text, #text, p{  
    color:#8AC288  
}
```

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 #8AC288 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AC288
}
```

Border

The CSS property to change the border of an element to Hex 8AC288 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
#8AC288 }
```

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

```
.border{ border-color:#8AC288 }
```

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

Here you see how a box with a 4 pixel #8AC288 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AC288; -webkit-box-shadow:4px 4px  
4px 4px #8AC288; box-shadow:4px 4px 4px  
4px #8AC288 }
```

Background

The CSS property to change the background color of an element to Hex 8AC288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AC288 }
```

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

```
.background{ background-color:#8AC288 }
```

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