

Converting Colors

Hex(8AC475)

Have a look what the booklet for
Hex(8AC475) contains.

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Color

Hex(8AC475)

Conversions

Conversions Part 1

Format	Color
Hex	8AC475
RGB	138, 196, 117
RGB Percent	54%, 77%, 46%
CMY	0.4588, 0.2314, 0.5412
CMYK	0.30, 0.00, 0.40, 0.23
HSL	104°, 40%, 61%
HSV	104°, 40%, 77%
XYZ	33.4320, 46.1675, 23.9788
YIQ	169.6520, -9.2090, -36.8650

Conversions

Conversions Part 2

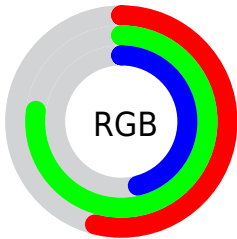
Format	Color
RYB	117, 196, 175
Decimal	9094261
CIELab	73.65, -33.49, 33.80
CIELCh	74, 47.582, 134.738
Yxy	46.1675, 0.3228, 0.4457
Android (android.graphics.Color)	4287284341 (0xFF8AC475)
YUV	169.6520, -25.9574, -27.7588
Hunter-Lab	67.9467, -31.0786, 26.6389

Details

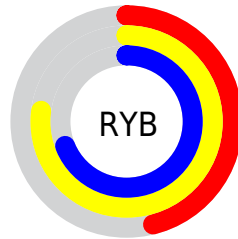
The Hex color **8AC475** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **AF75C4**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **C1FDAA**, and **558E43** is the 20% darker color. If you saturate the color by 10%, you get **7CC461**, and if you desaturate by 10%, it is **98C489**.

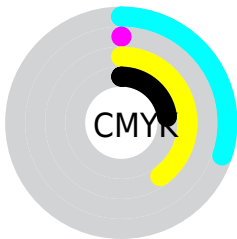
Distribution



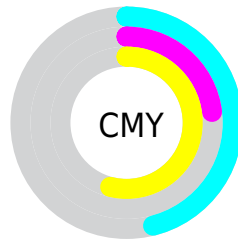
- Red (54%)
- Green (77%)
- Blue (46%)



- Red (46%)
- Yellow (77%)
- Blue (69%)



- Cyan (30%)
- Magenta (0%)
- Yellow (40%)
- Black (23%)



- Cyan (46%)
- Magenta (23%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AC475 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 8AC475 by changing the saturation by 10% instead.



8AC475



8AC475

FFFFFF



6FA95C



C1FDAA



558E43



DEFFC6



3B742B



FBFFE2



215B13



004300



002C00



001500



000000



8AC475



8AC475

 7CC461

 98C489

 6DC44E

 A7C49C

 5FC43A

 B5C4B0

 50C427

 C4C4C3

 42C413

 D2C4D7

 34C400

 E0C4EB

 EFC4FE

 FDC4FF

 FFC4FF

Harmonies

Analogous

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



BBB95E



8AC475



4ACA9D

Triad

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



8AC475



32C0FF



FF92A1

Complementary

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



8AC475



AF75C4

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.



FB94CD



8AC475



95B2FF

Square

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



8AC475



00C8F1



D4A1F3



FF9B79

Rectangle

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



8AC475



00CCBB



D4A1F3



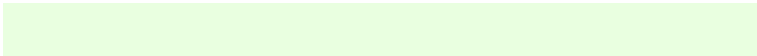
FF91B0

Sweetspot

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



8AC475



E9FFE0



C4AF75



72806E



000000



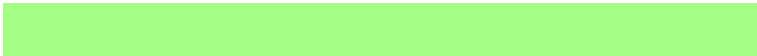
808080

Same Dimension

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



8AC475



A5FF85



75C487



5A6157



2BA100



092100

Inverse Universe

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



AF75C4



DE85FF



C475B2



5E5761



7600A1



180021

Previews

White Background



This preview shows how the Hex color 8AC475 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 8AC475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

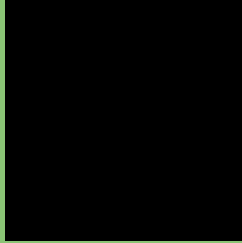
Any Text WCAG AA ✓ Pass

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 8AC475 Background



This preview shows how black text looks on a background with the Hex color 8AC475.

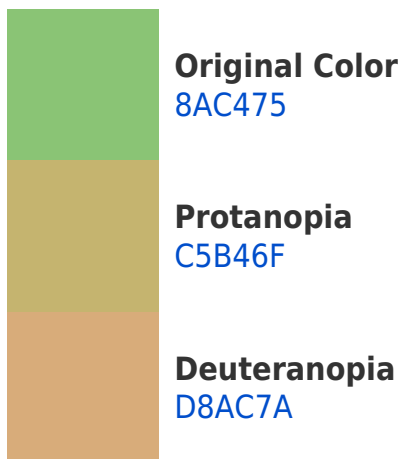


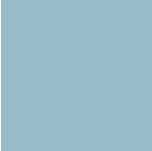
This preview shows how white text looks on a background with the Hex color 8AC475.

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](#).

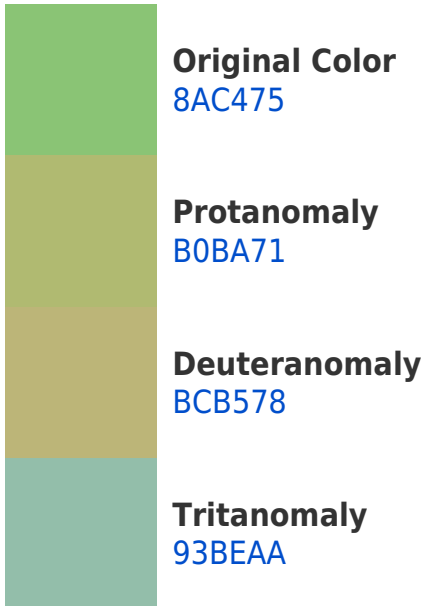
Dichromacy



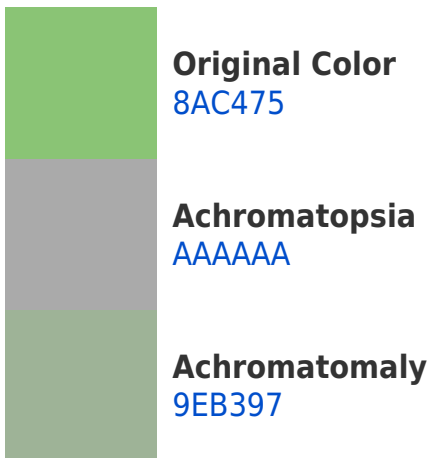


Tritanopia
98BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8AC475 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 #8AC475 looks like.

```
.text, #text, p{  
    color:#8AC475  
}
```

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 #8AC475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AC475
}
```

Border

The CSS property to change the border of an element to Hex 8AC475 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
#8AC475 }
```

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

```
.border{ border-color:#8AC475 }
```

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

Here you see how a box with a 4 pixel #8AC475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AC475; -webkit-box-shadow:4px 4px  
4px 4px #8AC475; box-shadow:4px 4px 4px  
4px #8AC475 }
```

Background

The CSS property to change the background color of an element to Hex 8AC475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AC475 }
```

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

```
.background{ background-color:#8AC475 }
```

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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