

Converting Colors

Hex(8AC172)

Have a look what the booklet for
Hex(8AC172) contains.

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Color

Hex(8AC172)

Conversions

Conversions Part 1

Format	Color
Hex	8AC172
RGB	138, 193, 114
RGB Percent	54%, 76%, 45%
CMY	0.4588, 0.2431, 0.5529
CMYK	0.28, 0.00, 0.41, 0.24
HSL	102°, 39%, 60%
HSV	102°, 41%, 76%
XYZ	32.5885, 44.7581, 22.8412
YIQ	167.5490, -7.4210, -36.2290

Conversions

Conversions Part 2

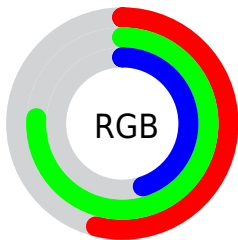
Format	Color
RYB	114, 193, 169
Decimal	9093490
CIELab	72.73, -32.51, 34.15
CIElCh	73, 47.152, 133.592
Yxy	44.7581, 0.3253, 0.4467
Android (android.graphics.Color)	4287283570 (0xFF8AC172)
YUV	167.5490, -26.3997, -25.9145
Hunter-Lab	66.9015, -30.1283, 26.5886

Details

The Hex color **8AC172** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A972C1**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **C1FAA7**, and **558B40** is the 20% darker color. If you saturate the color by 10%, you get **7DC15F**, and if you desaturate by 10%, it is **97C185**.

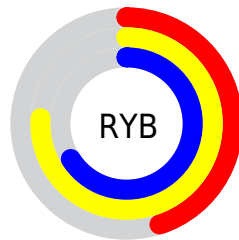
Distribution



Red (54%)

Green (76%)

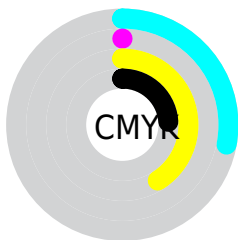
Blue (45%)



Red (45%)

Yellow (76%)

Blue (66%)

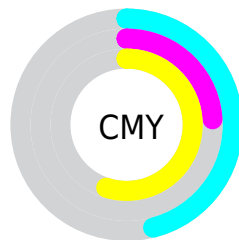


Cyan (28%)

Magenta (0%)

Yellow (41%)

Black (24%)



Cyan (46%)

Magenta (24%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AC172 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 8AC172 by changing the saturation by 10% instead.



8AC172



8AC172

FFFFFF



6FA659



C1FAA7



558B40



DEFFC2



3C7128



FBFFDF



215810



FFFFFB



034100



002A00



001100



000000



8AC172



8AC172

 7DC15F

 97C185

 6FC14B

 A5C199

 62C138

 B2C1AC

 54C125

 C0C1BF

 47C112

 CDC1D3

 3BC100

 DBC1E6

 E8C1F9

 F5C1FF

 FFC1FF

Harmonies

Analogous

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



BAB65C



8AC172



4CC799

Triad

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



8AC172



2ABEFF



FF90A0

Complementary

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



8AC172



A972C1

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.



F792CC



8AC172



90B0FF

Square

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



8AC172



00C6ED



D0A0F1



FC9979

Rectangle

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



8AC172



00C9B6



D0A0F1



FF8FAF

Sweetspot

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



8AC172



E5FADC



C1A872



717D6B



FCFCFC



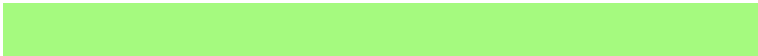
7D7D7D

Same Dimension

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



8AC172



A5FA7F



72C180



5A6157



31A100



0A2100

Inverse Universe

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



A972C1



D57FFA



C172B3



5E5761



7000A1



170021

Previews

White Background



This preview shows how the Hex color 8AC172 looks on a white background.

Color Contrast Check

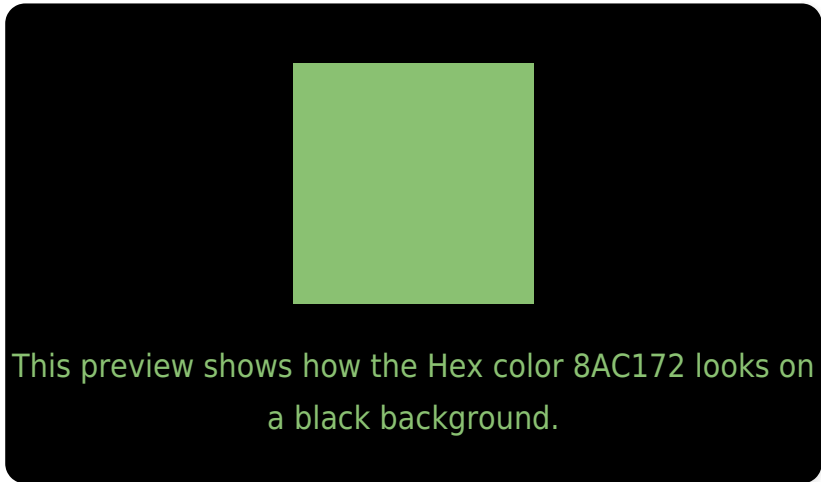
Large Text (above 18pt) WCAG AA × Fail

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 8AC172 Background



This preview shows how black text looks on a background with the Hex color 8AC172.

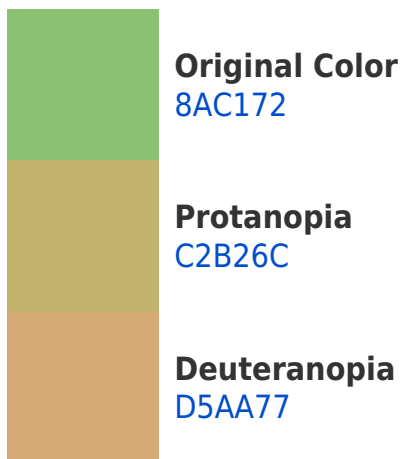


This preview shows how white text looks on a background with the Hex color 8AC172.

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
98B7C6

Trichromacy



Original Color
8AC172



Protanomaly
AEB76E



Deuteranomaly
BAB275



Tritanomaly
93BBA7

Monochromacy



Original Color
8AC172



Achromatopsia
A8A8A8



Achromatomaly
9DB194

CSS Examples

Text

The CSS property to change the color of the text to Hex 8AC172 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 #8AC172 looks like.

```
.text, #text, p{  
    color:#8AC172  
}
```

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 #8AC172 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AC172
}
```

Border

The CSS property to change the border of an element to Hex 8AC172 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
#8AC172 }
```

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

```
.border{ border-color:#8AC172 }
```

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

Here you see how a box with a 4 pixel #8AC172 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AC172; -webkit-box-shadow:4px 4px  
4px 4px #8AC172; box-shadow:4px 4px 4px  
4px #8AC172 }
```

Background

The CSS property to change the background color of an element to Hex 8AC172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AC172 }
```

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

```
.background{ background-color:#8AC172 }
```

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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