

Converting Colors

Hex(8BC482)

Have a look what the booklet for
Hex(8BC482) contains.

Hex(8BC482)	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(8BC482)

Conversions

Conversions Part 1

Format	Color
Hex	8BC482
RGB	139, 196, 130
RGB Percent	55%, 77%, 51%
CMY	0.4549, 0.2314, 0.4902
CMYK	0.29, 0.00, 0.34, 0.23
HSL	112°, 36%, 64%
HSV	112°, 34%, 77%
XYZ	34.4167, 46.5805, 28.2961
YIQ	171.4330, -12.7860, -32.6100

Conversions

Conversions Part 2

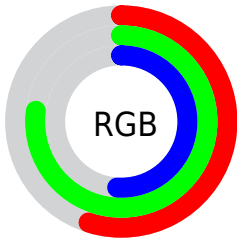
Format	Color
RYB	130, 196, 187
Decimal	9159810
CIELab	73.92, -31.21, 27.41
CIElCh	74, 41.534, 138.712
Yxy	46.5805, 0.3149, 0.4262
Android (android.graphics.Color)	4287349890 (0xFF8BC482)
YUV	171.4330, -20.4265, -28.4437
Hunter-Lab	68.2499, -29.4245, 23.1936

Details

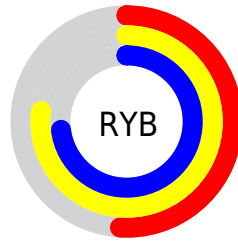
The Hex color **8BC482** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BB82C4**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **C2FDB7**, and **578E50** is the 20% darker color. If you saturate the color by 10%, you get **7AC46E**, and if you desaturate by 10%, it is **9CC496**.

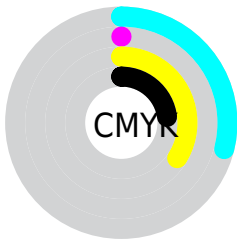
Distribution



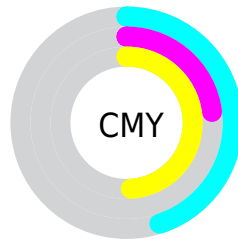
- Red (55%)
- Green (77%)
- Blue (51%)



- Red (51%)
- Yellow (77%)
- Blue (73%)



- Cyan (29%)
- Magenta (0%)
- Yellow (34%)
- Black (23%)



- Cyan (45%)
- Magenta (23%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8BC482 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 8BC482 by changing the saturation by 10% instead.



8BC482



8BC482

FFFFFF



71A968



C2FDB7



578E50



DEFFD3



3D7438



FBFFFO



235B21



05430A



002C00



001600



000000



8BC482



8BC482

 7AC46E

 9CC496

 69C45B

 ADC4A9

 58C447

 BEC4BD

 47C434

 CFC4D0

 36C420

 E0C4E4

 25C40C

 F1C4F8

 1BC400

 FFC4FF

Harmonies

Analogous

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



B6BB6C



8BC482



58C9A5

Triad

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



8BC482



62BEFF



FF999F

Complementary

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



8BC482



BB82C4

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.



F699C6



8BC482



A4B1FE

Square

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



8BC482



00C6EE



D7A3E8



F5A17E

Rectangle

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



8BC482



2BCAC0



D7A3E8



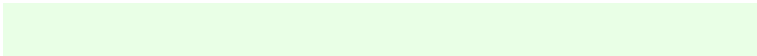
FF98AC

Sweetspot

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



8BC482



E9FFE6



C4BA82



728070



000000



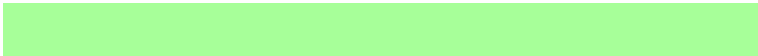
808080

Same Dimension

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



8BC482



A7FF99



82C499



596157



16A100



052100

Inverse Universe

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



BB82C4



F199FF



C482AD



605761



8B00A1



1D0021

Previews

White Background



This preview shows how the Hex color 8BC482 looks on a white background.

Color Contrast Check

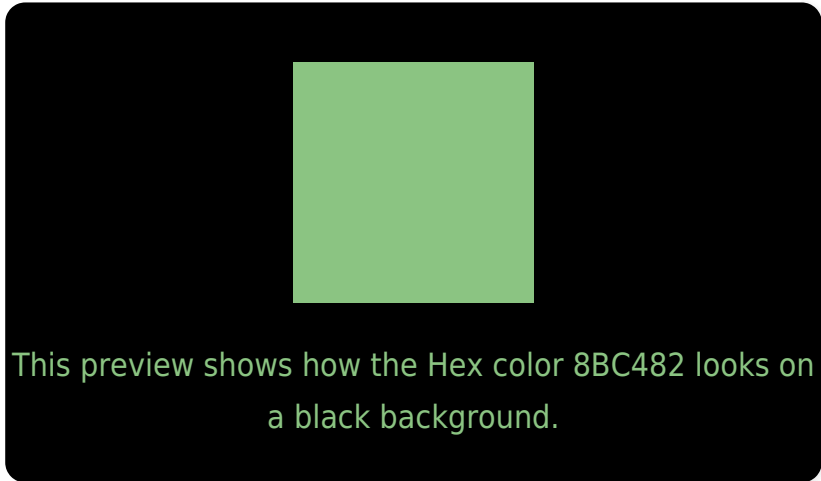
Large Text (above 18pt) WCAG AA × Fail

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

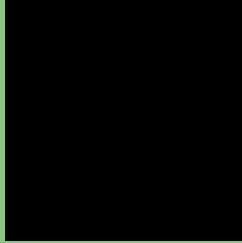
Any Text WCAG AA ✓ Pass

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 8BC482 Background



This preview shows how black text looks on a background with the Hex color 8BC482.

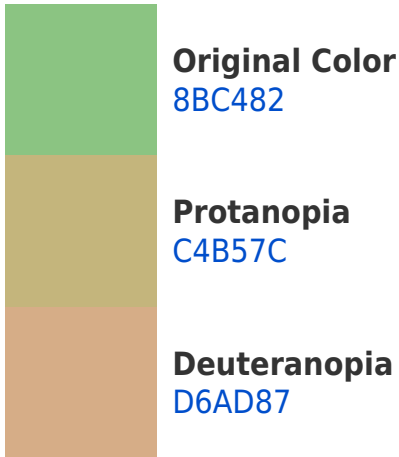


This preview shows how white text looks on a background with the Hex color 8BC482.

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
98BBCA

Trichromacy



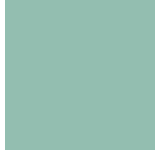
Original Color
8BC482



Protanomaly
AFBA7E



Deuteranomaly
BBB585

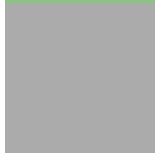


Tritanomaly
93BEB0

Monochromacy



Original Color
8BC482



Achromatopsia
ABABAB



Achromatomaly
9FB49C

CSS Examples

Text

The CSS property to change the color of the text to Hex 8BC482 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 #8BC482 looks like.

```
.text, #text, p{  
    color:#8BC482  
}
```

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 #8BC482 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BC482
}
```

Border

The CSS property to change the border of an element to Hex 8BC482 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
#8BC482 }
```

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

```
.border{ border-color:#8BC482 }
```

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

Here you see how a box with a 4 pixel #8BC482 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BC482; -webkit-box-shadow:4px 4px  
4px 4px #8BC482; box-shadow:4px 4px 4px  
4px #8BC482 }
```

Background

The CSS property to change the background color of an element to Hex 8BC482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BC482 }
```

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

```
.background{ background-color:#8BC482 }
```

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