

# Converting Colors

Hex(8BC7A2)

Have a look what the booklet for  
Hex(8BC7A2) contains.

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# **Color**

**Hex(8BC7A2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BC7A2
RGB	139, 199, 162
RGB Percent	55%, 78%, 64%
CMY	0.4549, 0.2196, 0.3647
CMYK	0.30, 0.00, 0.19, 0.22
HSL	143°, 35%, 66%
HSV	143°, 30%, 78%
XYZ	37.5925, 48.9445, 41.6483
YIQ	176.8420, -23.8830, -24.2270

# Conversions

## Conversions Part 2

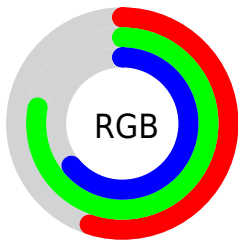
Format	Color
<a href="#">RYB</a>	<a href="#">139, 182, 199</a>
Decimal	<a href="#">9160610</a>
CIELab	<a href="#">75.42, -27.02, 12.43</a>
CIELCh	<a href="#">75, 29.741, 155.286</a>
Yxy	<a href="#">48.9445, 0.2933, 0.3818</a>
Android (android.graphics.Color)	<a href="#">4287350690 (0xFF8BC7A2)</a>
YUV	<a href="#">176.8420, -7.3171, -33.1874</a>
Hunter-Lab	<a href="#">69.9603, -26.5154, 13.6761</a>

# Details

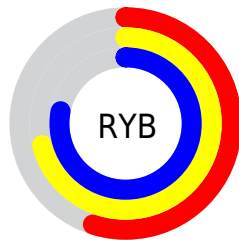
The Hex color **8BC7A2** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C78BB0**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **C2FFD9**, and **57916E** is the 20% darker color. If you saturate the color by 10%, you get **77C796**, and if you desaturate by 10%, it is **9FC7AE**.

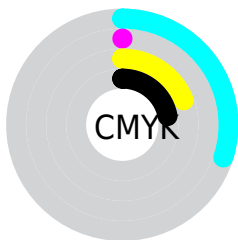
# Distribution



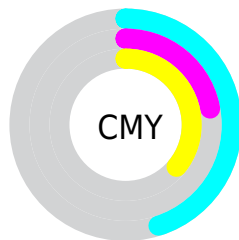
- Red (55%)
- Green (78%)
- Blue (64%)



- Red (55%)
- Yellow (71%)
- Blue (78%)



- Cyan (30%)
- Magenta (0%)
- Yellow (19%)
- Black (22%)



- Cyan (45%)
- Magenta (22%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BC7A2 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 8BC7A2 by changing the saturation by 10% instead.



 8BC7A2

 8BC7A2

FFFFFF

 71AC88

 C2FFD9

 57916E

 DEFFF5

 3E7756

 FBFFF5

 245E3F

 064629

 002F14

 001B00

 000000

 8BC7A2

 8BC7A2

 77C796

 9FC7AE

 63C789

 B3C7BB

 4FC77D

 C7C7C7

 3BC771

 DBC7D3

 27C765

 EFC7DF

 14C758

 FFC7EC

 00C74C

 FFC7F8

 FFC7FF

# Harmonies

## Analogous

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



ABC28C



8BC7A2



6FC9BE

# Triad

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



8BC7A2



9EBBF0



EFA99B

# Complementary

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



8BC7A2



C78BB0

# 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.



F0A6B6



8BC7A2



C4B1E7

# Square

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



8BC7A2



79C3EB



E1A9D1



E1B089

# Rectangle

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



8BC7A2



66C9D0



E1A9D1



F1A7A4

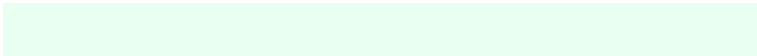


# Sweetspot

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



8BC7A2



E8FFF1



B0C78B



718077



000000



808080

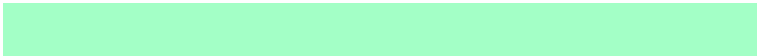


# Same Dimension

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



8BC7A2



A3FFC6



8BC7C0



5A635D



00A33F



00240E



# Inverse Universe

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



C78BB0



FFA3DC



C78B92



635A60



A30065

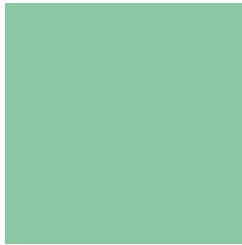


240016



# Previews

## White Background



This preview shows how the Hex color 8BC7A2 looks on a white background.

## Color Contrast Check

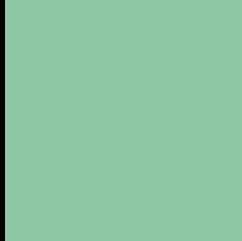
Large Text (above 18pt) WCAG AA × Fail

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 8BC7A2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

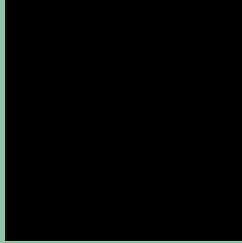
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8BC7A2 Background



This preview shows how black text looks on a background with the Hex color 8BC7A2.

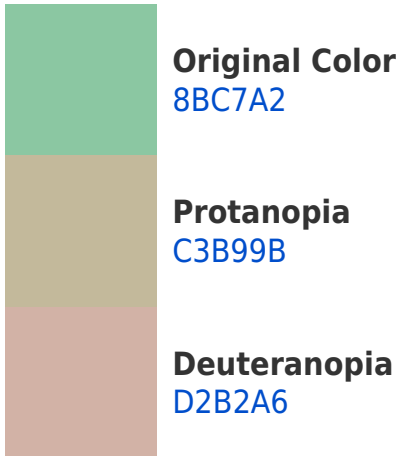


This preview shows how white text looks on a background with the Hex color 8BC7A2.

# 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](#).

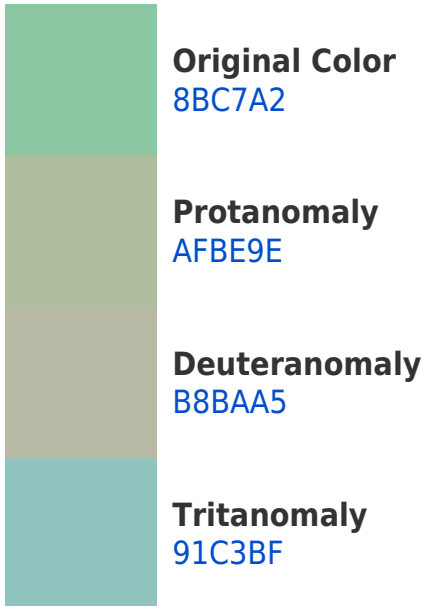
## Dichromacy



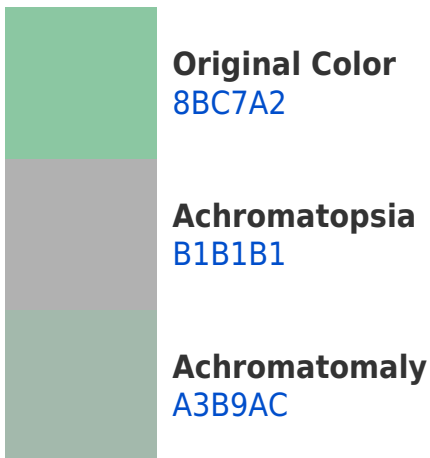


**Tritanopia**  
94C1D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BC7A2 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 #8BC7A2 looks like.

```
.text, #text, p{  
    color:#8BC7A2  
}
```

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 #8BC7A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BC7A2
}
```

## Border

The CSS property to change the border of an element to Hex 8BC7A2 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
#8BC7A2 }
```

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

```
.border{ border-color:#8BC7A2 }
```

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

Here you see how a box with a 4 pixel #8BC7A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BC7A2; -webkit-box-shadow:4px 4px  
4px 4px #8BC7A2; box-shadow:4px 4px 4px  
4px #8BC7A2 }
```

# Background

The CSS property to change the background color of an element to Hex 8BC7A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BC7A2 }
```

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

```
.background{ background-color:#8BC7A2 }
```

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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