

# Converting Colors

Hex(8BC581)

Have a look what the booklet for  
Hex(8BC581) contains.

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# **Color**

**Hex(8BC581)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BC581
RGB	139, 197, 129
RGB Percent	55%, 77%, 51%
CMY	0.4549, 0.2275, 0.4941
CMYK	0.29, 0.00, 0.35, 0.23
HSL	111°, 37%, 64%
HSV	111°, 35%, 77%
XYZ	34.5762, 47.0065, 28.0197
YIQ	171.9060, -12.7400, -33.4440

# Conversions

## Conversions Part 2

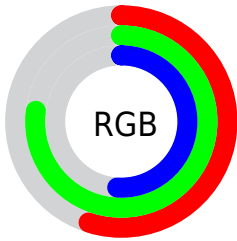
Format	Color
<a href="#">RYB</a>	<a href="#">129, 197, 187</a>
Decimal	<a href="#">9160065</a>
CIELab	<a href="#">74.19, -31.84, 28.29</a>
CIELCh	<a href="#">74, 42.593, 138.372</a>
Yxy	<a href="#">47.0065, 0.3155, 0.4289</a>
Android (android.graphics.Color)	<a href="#">4287350145 (0xFF8BC581)</a>
YUV	<a href="#">171.9060, -21.1527, -28.8586</a>
Hunter-Lab	<a href="#">68.5613, -29.9628, 23.7622</a>

# Details

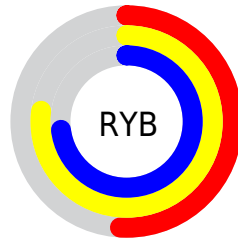
The Hex color **8BC581** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BB81C5**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **C2FEB6**, and **578F4F** is the 20% darker color. If you saturate the color by 10%, you get **7AC56D**, and if you desaturate by 10%, it is **9CC595**.

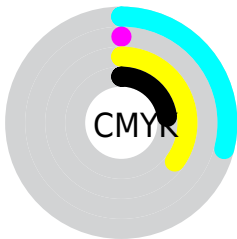
# Distribution



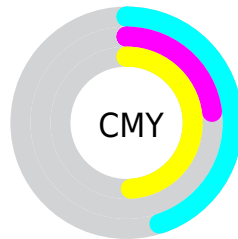
- Red (55%)
- Green (77%)
- Blue (51%)



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



- Cyan (29%)
- Magenta (0%)
- Yellow (35%)
- Black (23%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BC581 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 8BC581 by changing the saturation by 10% instead.





8BC581



8BC581

FFFFFF



70AA67



C2FEB6



578F4F



DEFFD2



3D7537



FCFFE7



235C20



034409



002D00



001700



000000



8BC581



8BC581

 7AC56D

 9CC595

 69C55A

 ADC5A8

 59C546

 BDC5BC

 48C532

 CEC5D0

 37C51E

 DFC5E4

 26C50B

 F0C5F7

 1DC500

 FFC5FF

# Harmonies

## Analogous

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



B8BC6B



8BC581



56CAA5

# Triad

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



8BC581



5EBFFF



FF98A0

# Complementary

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



8BC581



BB81C5

# 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.



F999C7



8BC581



A4B2FF

# Square

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



8BC581



00C7F0



D8A3EB



F8A17E

# Rectangle

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



8BC581



23CBC0



D8A3EB



FF97AD



# Sweetspot

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



8BC581



E9FFE6



C5BB81



728070



000000



808080

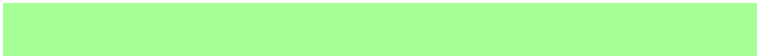


# Same Dimension

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



8BC581



A6FF96



81C599



5B635A



18A300



052400



# Inverse Universe

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



BB81C5



F096FF



C581AD



625A63



8B00A3



1E0024



# Previews

## White Background



This preview shows how the Hex color 8BC581 looks on a white background.

## Color Contrast Check

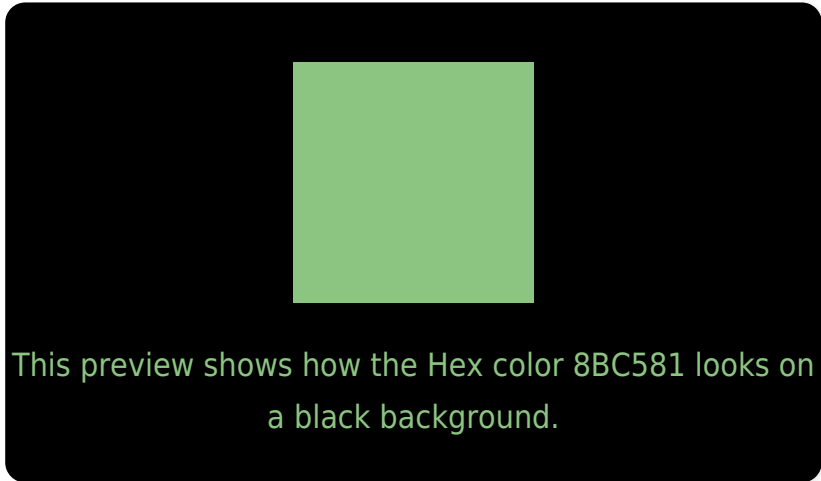
Large Text (above 18pt) WCAG AA × Fail

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 8BC581 Background



This preview shows how black text looks on a background with the Hex color 8BC581.

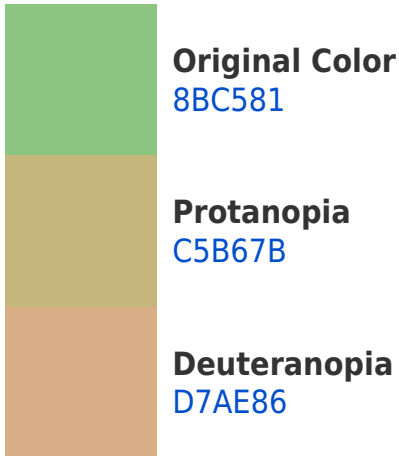


This preview shows how white text looks on a background with the Hex color 8BC581.

# 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](#).

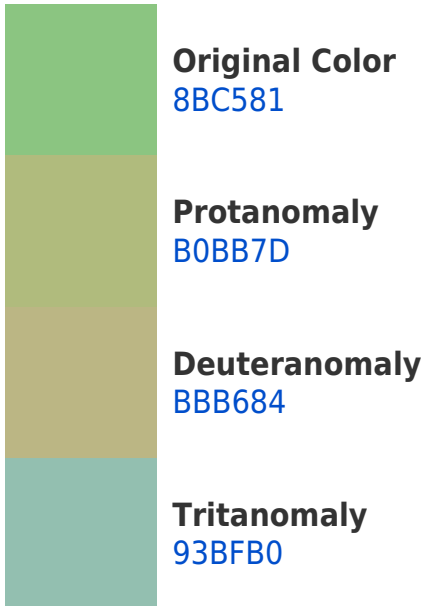
## Dichromacy



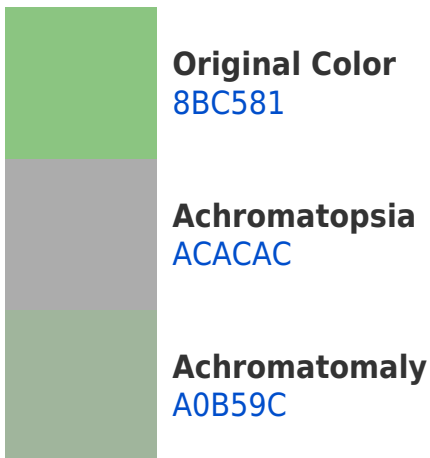


**Tritanopia**  
98BCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BC581 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 #8BC581 looks like.

```
.text, #text, p{  
    color:#8BC581  
}
```

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 #8BC581 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BC581
}
```

## Border

The CSS property to change the border of an element to Hex 8BC581 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
#8BC581 }
```

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

```
.border{ border-color:#8BC581 }
```

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

Here you see how a box with a 4 pixel #8BC581 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BC581; -webkit-box-shadow:4px 4px  
4px 4px #8BC581; box-shadow:4px 4px 4px  
4px #8BC581 }
```

# Background

The CSS property to change the background color of an element to Hex 8BC581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BC581 }
```

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

```
.background{ background-color:#8BC581 }
```

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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