

Converting Colors

Hex(8AC583)

Have a look what the booklet for
Hex(8AC583) contains.

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Color

Hex(8AC583)

Conversions

Conversions Part 1

Format	Color
Hex	8AC583
RGB	138, 197, 131
RGB Percent	54%, 77%, 51%
CMY	0.4588, 0.2275, 0.4863
CMYK	0.30, 0.00, 0.34, 0.23
HSL	114°, 36%, 64%
HSV	114°, 34%, 77%
XYZ	34.5442, 46.9745, 28.7190
YIQ	171.8350, -13.9780, -33.0340

Conversions

Conversions Part 2

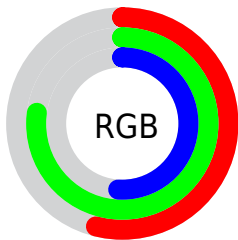
Format	Color
RYB	131, 197, 190
Decimal	9094531
CIELab	74.17, -31.86, 27.21
CIELCh	74, 41.896, 139.501
Yxy	46.9745, 0.3134, 0.4261
Android (android.graphics.Color)	4287284611 (0xFF8AC583)
YUV	171.8350, -20.1317, -29.6733
Hunter-Lab	68.5379, -29.9745, 23.1326

Details

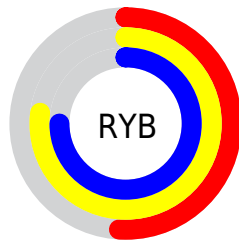
The Hex color **8AC583** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BE83C5**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **C1FEB8**, and **568F51** is the 20% darker color. If you saturate the color by 10%, you get **78C56F**, and if you desaturate by 10%, it is **9CC597**.

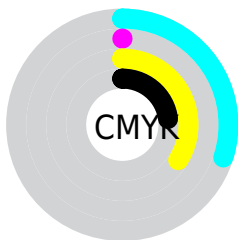
Distribution



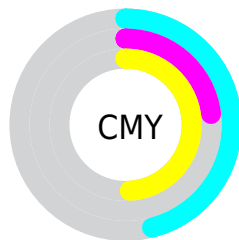
- Red (54%)
- Green (77%)
- Blue (51%)



- Red (51%)
- Yellow (77%)
- Blue (75%)



- Cyan (30%)
- Magenta (0%)
- Yellow (34%)
- Black (23%)



- Cyan (46%)
- Magenta (23%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AC583 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 8AC583 by changing the saturation by 10% instead.



8AC583



8AC583

FFFFFF



6FAA69



C1FEB8



568F51



DFFFD4



3C7539



FAFFF1



225C22



02440B



002D00



001700



000000



8AC583



8AC583

 78C56F

 9CC597

 67C55C

 ADC5AA

 55C548

 BFC5BE

 44C534

 D0C5D2

 32C520

 E2C5E6

 20C50D

 F4C5F9

 15C500

 FFC5FF

Harmonies

Analogous

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



B6BC6C



8AC583



56CAA7

Triad

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



8AC583



63BEFF



FF999F

Complementary

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



8AC583



BE83C5

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.



F899C6



8AC583



A6B1FF

Square

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



8AC583



00C7F0



D9A3E9



F6A27D

Rectangle

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



8AC583



27CBC2



D9A3E9



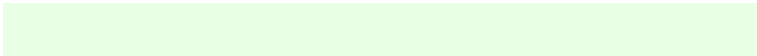
FF98AB

Sweetspot

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



8AC583



E8FFE6



C5BD83



728070



000000



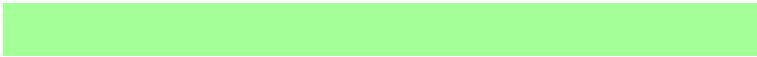
808080

Same Dimension

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



8AC583



A4FF99



83C59C



5B635A



11A300



042400

Inverse Universe

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



BE83C5



F499FF



C583AC



625A63



9200A3



200024

Previews

White Background



This preview shows how the Hex color 8AC583 looks on a white background.

Color Contrast Check

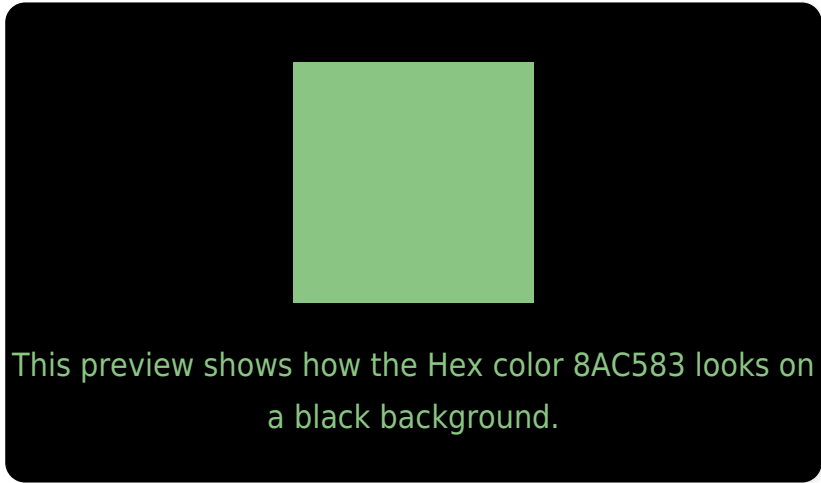
Large Text (above 18pt) WCAG AA × Fail

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

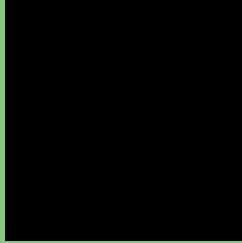
Any Text WCAG AA ✓ Pass

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 8AC583 Background



This preview shows how black text looks on a background with the Hex color 8AC583.

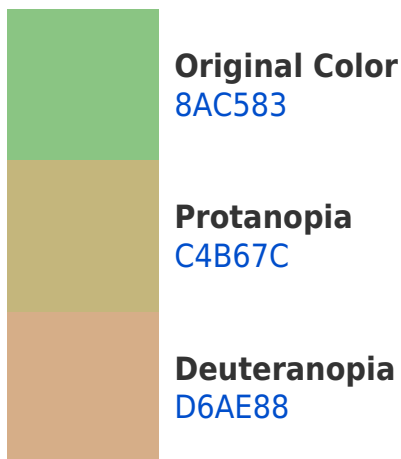


This preview shows how white text looks on a background with the Hex color 8AC583.

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](#).

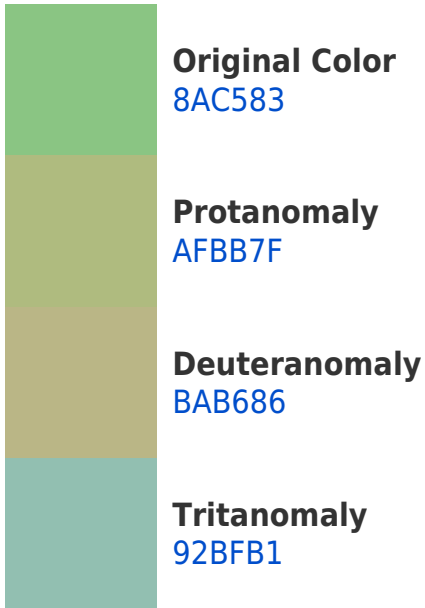
Dichromacy



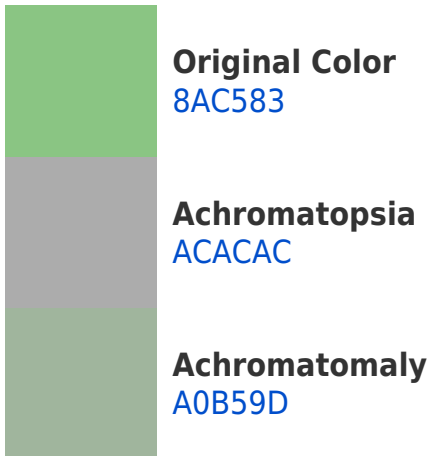


Tritanopia
97BCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8AC583 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 #8AC583 looks like.

```
.text, #text, p{  
    color:#8AC583  
}
```

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 #8AC583 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AC583
}
```

Border

The CSS property to change the border of an element to Hex 8AC583 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
#8AC583 }
```

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

```
.border{ border-color:#8AC583 }
```

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

Here you see how a box with a 4 pixel #8AC583 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AC583; -webkit-box-shadow:4px 4px  
4px 4px #8AC583; box-shadow:4px 4px 4px  
4px #8AC583 }
```

Background

The CSS property to change the background color of an element to Hex 8AC583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AC583 }
```

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

```
.background{ background-color:#8AC583 }
```

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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