

# Converting Colors

Hex(8ABBC5)

Have a look what the booklet for  
Hex(8ABBC5) contains.

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# **Color**

**Hex(8ABBC5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8ABBC5
RGB	138, 187, 197
RGB Percent	54%, 73%, 77%
CMY	0.4588, 0.2667, 0.2275
CMYK	0.30, 0.05, 0.00, 0.23
HSL	190°, 34%, 66%
HSV	190°, 30%, 77%
XYZ	38.3296, 44.9751, 59.4842
YIQ	173.4890, -32.4140, -7.2780

# Conversions

## Conversions Part 2

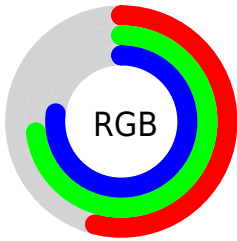
Format	Color
R <sub>Y</sub> B	138, 165, 197
Decimal	9092037
CIE Lab	72.88, -13.68, -10.26
CIE LCh	73, 17.102, 216.880
Yxy	44.9751, 0.2684, 0.3150
Android (android.graphics.Color)	4287282117 (0xFF8ABBC5)
YUV	173.4890, 11.5909, -31.1239
Hunter-Lab	67.0635, -15.3409, -5.6448

# Details

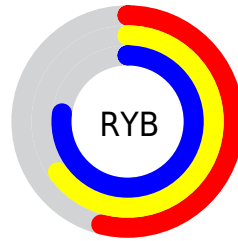
The Hex color **8ABBC5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C5948A**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **C1F3FE**, and **56868F** is the 20% darker color. If you saturate the color by 10%, you get **76B8C5**, and if you desaturate by 10%, it is **9EBEC5**.

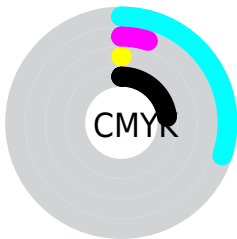
# Distribution



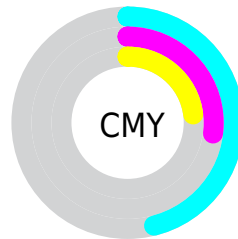
- Red (54%)
- Green (73%)
- Blue (77%)



- Red (54%)
- Yellow (65%)
- Blue (77%)



- Cyan (30%)
- Magenta (5%)
- Yellow (0%)
- Black (23%)



- Cyan (46%)
- Magenta (27%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8ABBC5 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 8ABBC5 by changing the saturation by 10% instead.





8ABBC5



8ABBC5

FFFFFF



70A0AA



C1F3FE



56868F



DDFFFF



3C6C76



FAFFFF



22545D



023D45



00272F



00131A



000000



8ABBC5



8ABBC5

76B8C5

9EBEC5

63B4C5

B1C2C5

4FB1C5

C5C5C5

3BAEC5

D9C8C5

28AAC5

EDCCC5

14A7C5

FFCFC5

00A4C5

FFD2C5

FFD6C5

FFD9C5

# Harmonies

## Analogous

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



8CBCB6



8ABBC5



94B8CF

# Triad

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



8ABBC5



CBAABF



BCB394

# Complementary

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



8ABBC5



C5948A

# 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.



CAAE97



8ABBC5



D3A8B0

# Square

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



8ABBC5



BAAECC



D3AAA1



AAB89A

# Rectangle

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



8ABBC5



9FB5D2



D3AAA1



C1B194

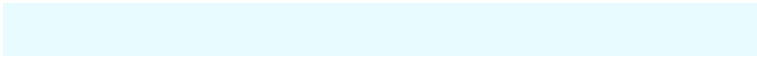


# Sweetspot

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



8ABBC5



E8FBFF



8AC594



717D80



000000



808080

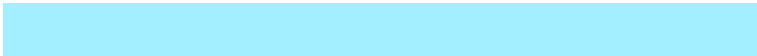


# Same Dimension

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



8ABBC5



A3EFFF



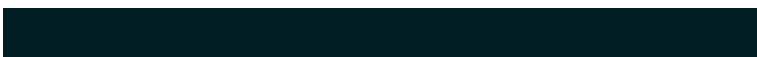
8A9EC5



5A6263



0088A3



001E24



# Inverse Universe

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



C58ABB



FFA3EF



C5B18A



635A62



A30088

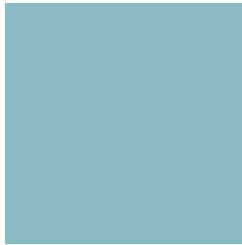


24001E



# Previews

## White Background



This preview shows how the Hex color 8ABBC5 looks on a white background.

## Color Contrast Check

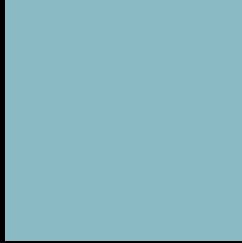
Large Text (above 18pt) WCAG AA × Fail

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 8ABBC5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

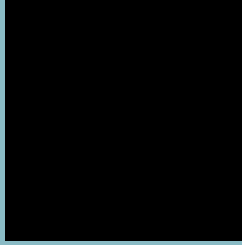
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

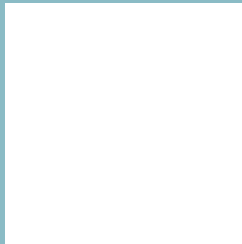
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8ABBC5 Background



This preview shows how black text looks on a background with the Hex color 8ABBC5.

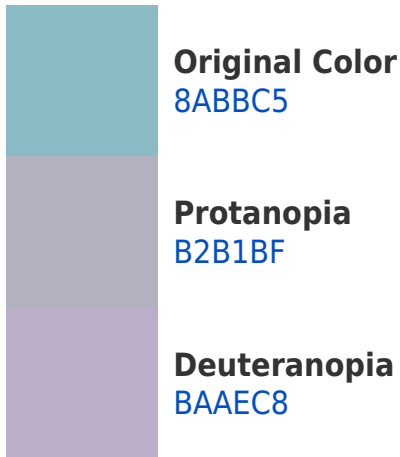


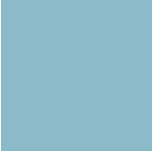
This preview shows how white text looks on a background with the Hex color 8ABBC5.

# 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](#).

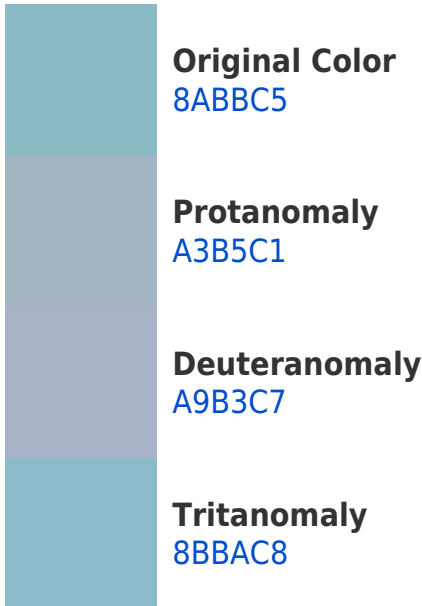
## Dichromacy



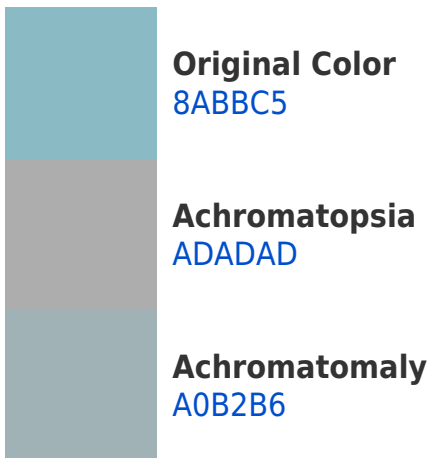


**Tritanopia**  
8BBAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8ABBC5 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 #8ABBC5 looks like.

```
.text, #text, p{  
    color:#8ABBC5  
}
```

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 #8ABBC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8ABBC5  
}
```

## Border

The CSS property to change the border of an element to Hex 8ABBC5 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  
#8ABBC5 }
```

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

```
.border{ border-color:#8ABBC5 }
```

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

Here you see how a box with a 4 pixel #8ABBC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8ABBC5; -webkit-box-shadow:4px 4px  
4px 4px #8ABBC5; box-shadow:4px 4px 4px  
4px #8ABBC5 }
```

# Background

The CSS property to change the background color of an element to Hex 8ABBC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8ABBC5 }
```

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

```
.background{ background-color:#8ABBC5 }
```

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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