

# Converting Colors

Hex(81AFA5)

Have a look what the booklet for  
Hex(81AFA5) contains.

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# **Color**

**Hex(81AFA5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81AFA5
RGB	129, 175, 165
RGB Percent	51%, 69%, 65%
CMY	0.4941, 0.3137, 0.3529
CMYK	0.26, 0.00, 0.06, 0.31
HSL	167°, 22%, 60%
HSV	167°, 26%, 69%
XYZ	31.1748, 38.0437, 41.2974
YIQ	160.1060, -24.2060, -12.8620

# Conversions

## Conversions Part 2

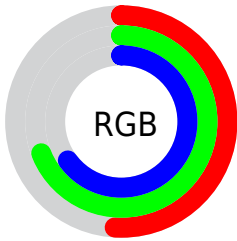
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">129, 155, 175</a>
Decimal	<a href="#">8499109</a>
CIELab	<a href="#">68.05, -17.48, 0.15</a>
CIELCh	<a href="#">68, 17.478, 179.519</a>
Yxy	<a href="#">38.0437, 0.2821, 0.3442</a>
Android (android.graphics.Color)	<a href="#">4286689189</a> ( <a href="#">0xFF81AFA5</a> )
YUV	<a href="#">160.1060, 2.4127, -27.2800</a>
Hunter-Lab	<a href="#">61.6796, -17.7198, 3.4782</a>

# Details

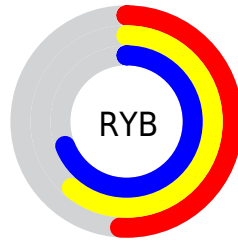
The Hex color **81AFA5** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AF818B**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **B7E7DC**, and **4E7A71** is the 20% darker color. If you saturate the color by 10%, you get **6FAFA1**, and if you desaturate by 10%, it is **93AFA9**.

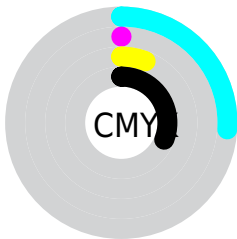
# Distribution



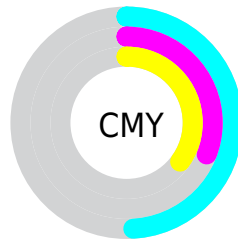
- Red (51%)
- Green (69%)
- Blue (65%)



- Red (51%)
- Yellow (61%)
- Blue (69%)



- Cyan (26%)
- Magenta (0%)
- Yellow (6%)
- Black (31%)



- Cyan (49%)
- Magenta (31%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81AFA5 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 81AFA5 by changing the saturation by 10% instead.





81AFA5



81AFA5

FFFFFF



67948B



B7E7DC



4E7A71



D3FFF8



366159



EFFFFFF



1D4942



02332B



001E17



000000



81AFA5



81AFA5



6FAFA1



93AFA9

 5EAF9D

 A4AFAD

 4CAF9A

 B6AFB0

 3BAF96

 C7AFB4

 29AF92

 D9AFB8

 18AF8E

 EAAFBC

 06AF8A

 FBAFC0

 00AF89

 FFAFC3

 FFAFC7

# Harmonies

## Analogous

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



8FAD95



81AFA5



7CAFB5

# Triad

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



81AFA5



A8A2C1



C0A08B

# Complementary

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



81AFA5



AF818B

# 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.



C79C97



81AFA5



BA9DB6

# Square

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



81AFA5



94A7C5



C59BA7



B2A586

# Rectangle

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



81AFA5



7FADBD



C59BA7



C39E8E



# Sweetspot

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



81AFA5



D1E3DF



8CAF81



677370



F2F2F2



737373



# Same Dimension

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



81AFA5



9AE3D3



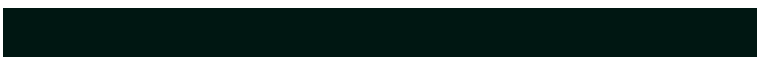
81A3AF



4E5755



009676



001712



# Inverse Universe

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



AF818B



E39AAA



AF8D81



574E50



960021



170005



# Previews

## White Background



This preview shows how the Hex color 81AFA5 looks on a white background.

## Color Contrast Check

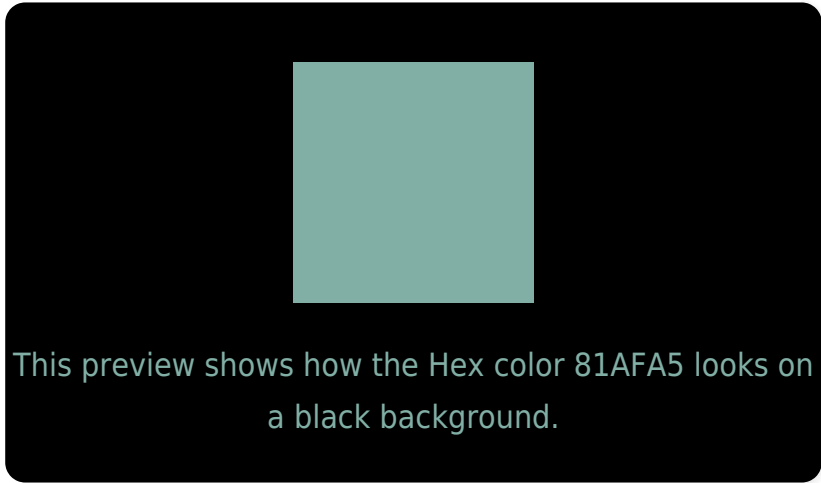
Large Text (above 18pt) WCAG AA × Fail

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

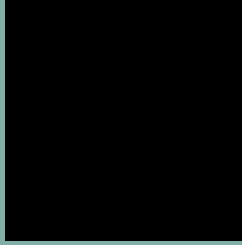
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 81AFA5 Background



This preview shows how black text looks on a background with the Hex color 81AFA5.

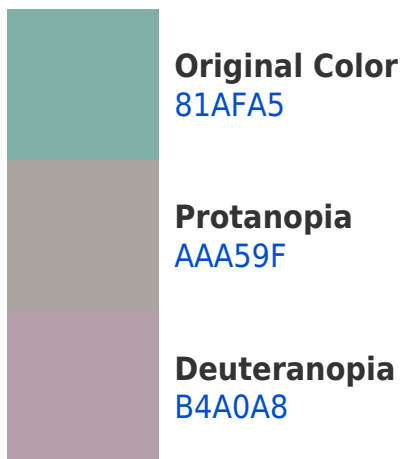


This preview shows how white text looks on a background with the Hex color 81AFA5.

# Color Blindness Simulation

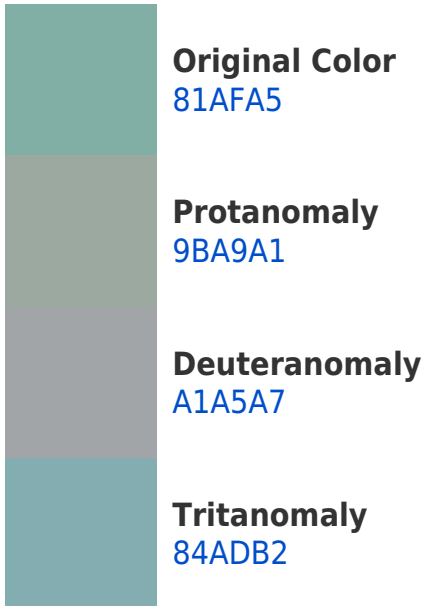
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

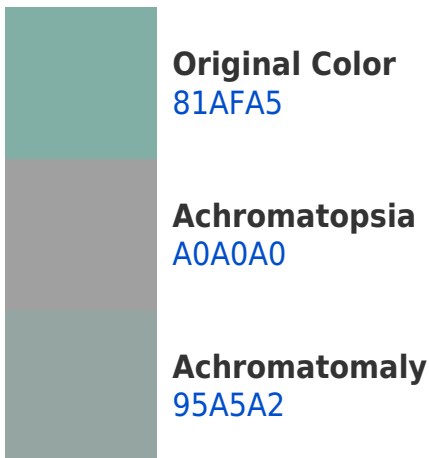




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81AFA5 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 #81AFA5 looks like.

```
.text, #text, p{  
    color:#81AFA5  
}
```

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 #81AFA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81AFA5  
}
```

## Border

The CSS property to change the border of an element to Hex 81AFA5 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  
#81AFA5 }
```

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

```
.border{ border-color:#81AFA5 }
```

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

Here you see how a box with a 4 pixel #81AFA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81AFA5; -webkit-box-shadow:4px 4px  
4px 4px #81AFA5; box-shadow:4px 4px 4px  
4px #81AFA5 }
```

# Background

The CSS property to change the background color of an element to Hex 81AFA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81AFA5 }
```

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

```
.background{ background-color:#81AFA5 }
```

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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