

# Converting Colors

Hex(63ADB8)

Have a look what the booklet for  
Hex(63ADBB) contains.

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# **Color**

**Hex(63ADB8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63ADBB
RGB	99, 173, 187
RGB Percent	39%, 68%, 73%
CMY	0.6118, 0.3216, 0.2667
CMYK	0.47, 0.07, 0.00, 0.27
HSL	190°, 39%, 56%
HSV	190°, 47%, 73%
XYZ	29.0588, 36.1276, 52.4555
YIQ	152.4700, -48.5980, -11.3340

# Conversions

## Conversions Part 2

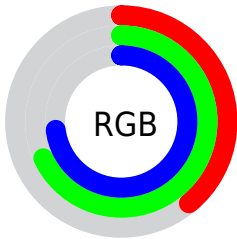
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 139, 187
Decimal	6532539
CIELab	66.62, -19.27, -14.34
CIElCh	67, 24.025, 216.653
Yxy	36.1276, 0.2470, 0.3071
Android (android.graphics.Color)	4284722619 (0xFF63ADBB)
YUV	152.4700, 17.0233, -46.8932
Hunter-Lab	60.1063, -18.8889, -9.6687

# Details

The Hex color **63ADBB** is a light color, and the websafe version is hex **669999**. A complement of this color would be **BB7163**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **9BE5F3**, and **297886** is the 20% darker color. If you saturate the color by 10%, you get **50AABB**, and if you desaturate by 10%, it is **76B0BB**.

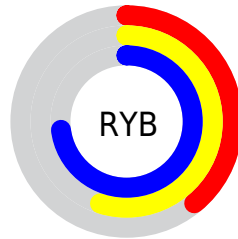
# Distribution



Red (39%)

Green (68%)

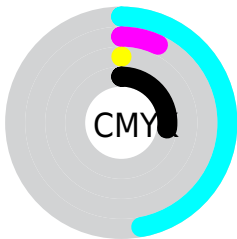
Blue (73%)



Red (39%)

Yellow (55%)

Blue (73%)

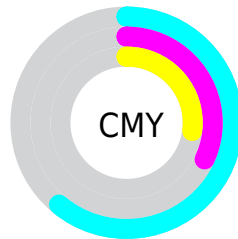


Cyan (47%)

Magenta (7%)

Yellow (0%)

Black (27%)



Cyan (61%)

Magenta (32%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63ADBB 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 63ADBB by changing the saturation by 10% instead.



 63ADBB

 63ADBB

FFFFFF

 4792A0

 9BE5F3

 297886

 B7FFFF

 00606D

 D4FFFF

 004854

 F1FFFF

 00313D

 001D27

 000113

 000000

 63ADBB

 63ADBB

50AABB

76B0BB

3EA7BB

88B3BB

2BA4BB

9BB6BB

18A1BB

AEB9BB

069EBB

C1BCBB

009DBB

D3BFBB

E6C2BB

F9C5BB

FFC8BB

# Harmonies

## Analogous

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



69AEA6



63ADBB



72A9C9

# Triad

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



63ADBB



C295B4



ADA277

# Complementary

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



63ADBB



BB7163

# 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.



C19B7B



63ADBB



CD929E

# Square

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



63ADBB



AC9BC5



CC9589



95A87F

# Rectangle

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



63ADBB



84A5CD



CC9589



B4A077



# Sweetspot

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



63ADBB



D0EDF2



63BB70



66777A



FAFAFA



7A7A7A



# Same Dimension

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



63ADBB



6BDDF2



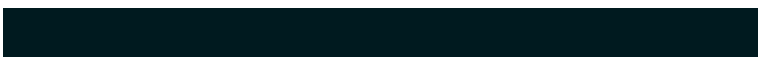
6382BB



555D5E



00859E



001A1F



# Inverse Universe

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



BB63AD



F26BDD



BB9C63



5E555D



9E0085

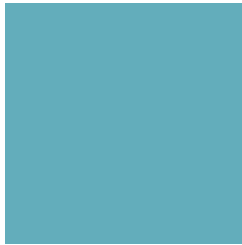


1F001A



# Previews

## White Background



This preview shows how the Hex color 63ADBB looks on a white background.

## Color Contrast Check

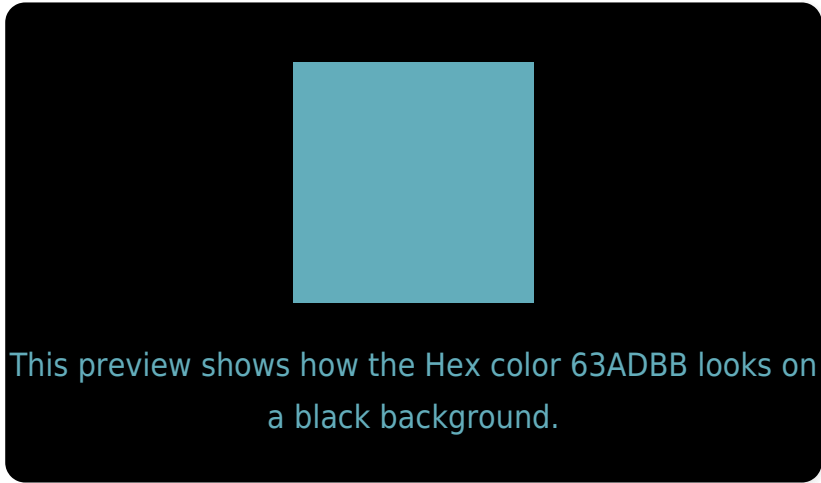
Large Text (above 18pt) WCAG AA × Fail

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 63ADBB Background



This preview shows how black text looks on a background with the Hex color 63ADBB.

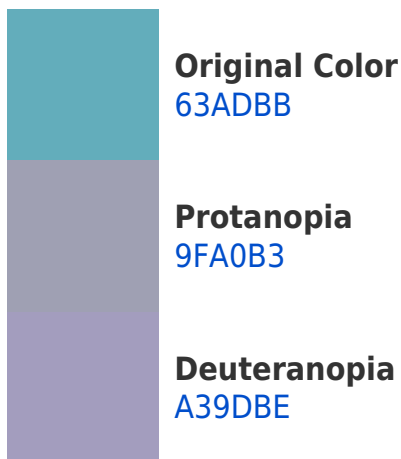


This preview shows how white text looks on a background with the Hex color 63ADBB.

# 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](#).

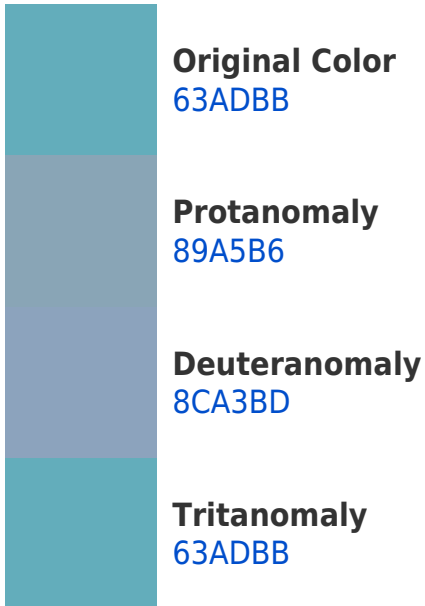
## Dichromacy



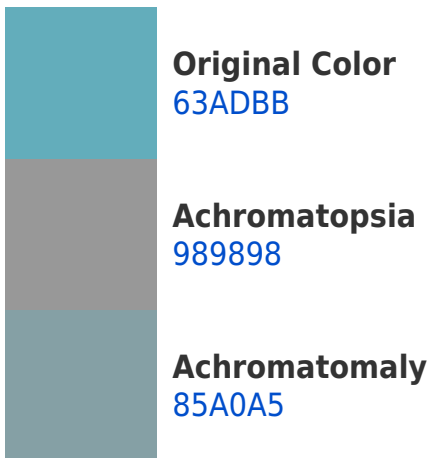


**Tritanopia**  
63ADBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63ADBB 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 #63ADBB looks like.

```
.text, #text, p{  
    color:#63ADBB  
}
```

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 #63ADBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63ADBB
}
```

## Border

The CSS property to change the border of an element to Hex 63ADBB 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
#63ADBB }
```

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

```
.border{ border-color:#63ADBB }
```

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

Here you see how a box with a 4 pixel #63ADBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63ADBB; -webkit-box-shadow:4px 4px  
4px 4px #63ADBB; box-shadow:4px 4px 4px  
4px #63ADBB }
```

# Background

The CSS property to change the background color of an element to Hex 63ADBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63ADBB }
```

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

```
.background{ background-color:#63ADBB }
```

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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