

Converting Colors

Hex(63AAB6)

Have a look what the booklet for
Hex(63AAB6) contains.

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Color

Hex(63AAB6)

Conversions

Conversions Part 1

Format	Color
Hex	63AAB6
RGB	99, 170, 182
RGB Percent	39%, 67%, 71%
CMY	0.6118, 0.3333, 0.2863
CMYK	0.46, 0.07, 0.00, 0.29
HSL	189°, 36%, 55%
HSV	189°, 46%, 71%
XYZ	27.9638, 34.7795, 49.4952
YIQ	150.1390, -46.1680, -11.3200

Conversions

Conversions Part 2

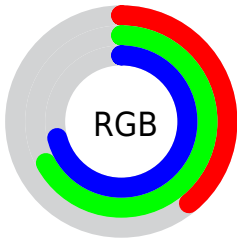
Format	Color
RYB	99, 137, 182
Decimal	6531766
CIELab	65.58, -19.07, -13.13
CIELCh	66, 23.156, 214.542
Yxy	34.7795, 0.2491, 0.3099
Android (android.graphics.Color)	4284721846 (0xFF63AAB6)
YUV	150.1390, 15.7075, -44.8489
Hunter-Lab	58.9741, -18.5653, -8.4784

Details

The Hex color **63AAB6** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B66F63**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **9AE1EE**, and **2A7681** is the 20% darker color. If you saturate the color by 10%, you get **51A7B6**, and if you desaturate by 10%, it is **75ADB6**.

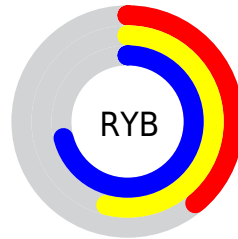
Distribution



Red (39%)

Green (67%)

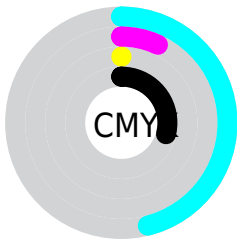
Blue (71%)



Red (39%)

Yellow (54%)

Blue (71%)

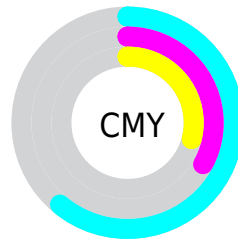


Cyan (46%)

Magenta (7%)

Yellow (0%)

Black (29%)



Cyan (61%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63AAB6 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 63AAB6 by changing the saturation by 10% instead.



63AAB6



63AAB6

FFFFFF



478F9B



9AE1EE



2A7681



B7FEFF



005D68



D3FFFF



004550



F0FFFF



002E39



001B23



00010D



000000



63AAB6



63AAB6

51A7B6

75ADB6

3FA5B6

87AFB6

2CA2B6

9AB2B6

1A9FB6

ACB5B6

089DB6

BEB7B6

009CB6

D0BAB6

E2BCB6

F5BFB6

FFC2B6

Harmonies

Analogous

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



6AABA2



63AAB6



70A6C4

Triad

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



63AAB6



BD93B1



AB9F76

Complementary

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



63AAB6



B66F63

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.



BE987A



63AAB6



C8909D

Square

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



63AAB6



A799C1



C89289



95A57D

Rectangle

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



63AAB6



81A2C8



C89289



B29D76

Sweetspot

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



63AAB6



CCE8ED



63B66E



637578



F7F7F7



787878

Same Dimension

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



63AAB6



6BDAED



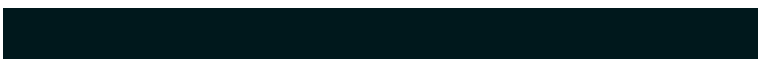
6381B6



535A5C



00859C



00181C

Inverse Universe

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



B663AA



ED6BDA



B69863



5C535A



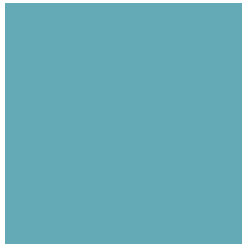
9C0085



1C0018

Previews

White Background



This preview shows how the Hex color 63AAB6 looks on a white background.

Color Contrast Check

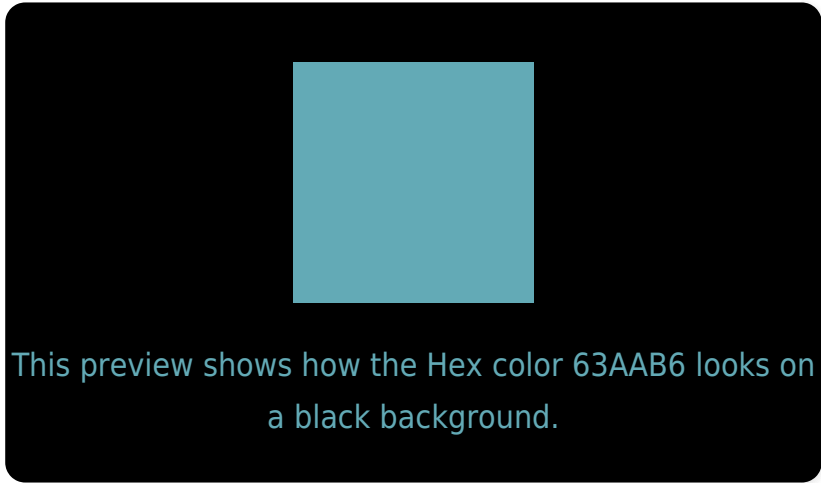
Large Text (above 18pt) WCAG AA × Fail

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

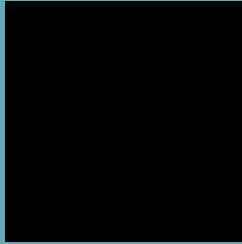
Any Text WCAG AA ✓ Pass

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 63AAB6 Background



This preview shows how black text looks on a background with the Hex color 63AAB6.

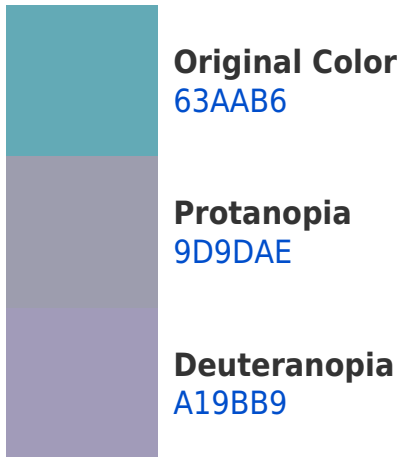


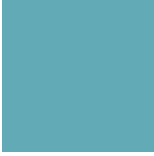
This preview shows how white text looks on a background with the Hex color 63AAB6.

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](#).

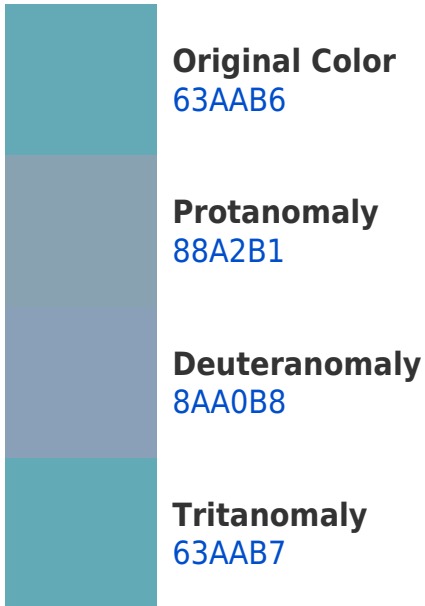
Dichromacy



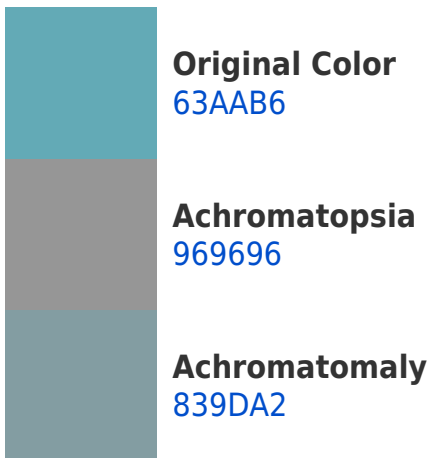


Tritanopia
63AAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63AAB6 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 #63AAB6 looks like.

```
.text, #text, p{  
    color:#63AAB6  
}
```

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 #63AAB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63AAB6  
}
```

Border

The CSS property to change the border of an element to Hex 63AAB6 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  
#63AAB6 }
```

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

```
.border{ border-color:#63AAB6 }
```

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

Here you see how a box with a 4 pixel #63AAB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63AAB6; -webkit-box-shadow:4px 4px  
4px 4px #63AAB6; box-shadow:4px 4px 4px  
4px #63AAB6 }
```

Background

The CSS property to change the background color of an element to Hex 63AAB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63AAB6 }
```

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

```
.background{ background-color:#63AAB6 }
```

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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