

# Converting Colors

Hex(63A4B2)

Have a look what the booklet for  
Hex(63A4B2) contains.

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# **Color**

**Hex(63A4B2)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 63A4B2                      |
| RGB         | 99, 164, 178                |
| RGB Percent | 39%, 64%, 70%               |
| CMY         | 0.6118, 0.3569, 0.3020      |
| CMYK        | 0.44, 0.08, 0.00, 0.30      |
| HSL         | 191°, 34%, 54%              |
| HSV         | 191°, 44%, 70%              |
| XYZ         | 26.4569, 32.4179, 46.9823   |
| YIQ         | 146.1610, -43.2340, -9.4260 |

# Conversions

## Conversions Part 2

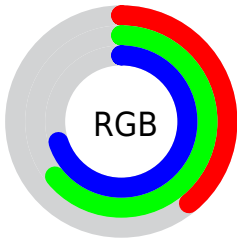
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 99, 135, 178                   |
| Decimal                             | 6530226                        |
| CIE <sub>Lab</sub>                  | 63.69, -17.01, -13.74          |
| CIE <sub>LCh</sub>                  | 64, 21.868, 218.927            |
| Y <sub>xy</sub>                     | 32.4179, 0.2499,<br>0.3062     |
| Android<br>(android.graphics.Color) | 4284720306<br>(0xFF63A4B2)     |
| YUV                                 | 146.1610, 15.6966,<br>-41.3602 |
| Hunter-Lab                          | 56.9367, -16.6953,<br>-9.0685  |

# Details

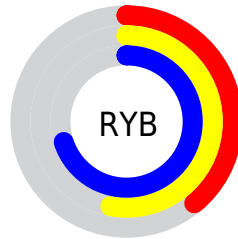
The Hex color **63A4B2** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B27163**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **9ADBEA**, and **2B707D** is the 20% darker color. If you saturate the color by 10%, you get **51A1B2**, and if you desaturate by 10%, it is **75A7B2**.

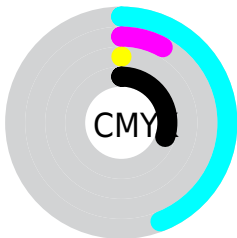
# Distribution



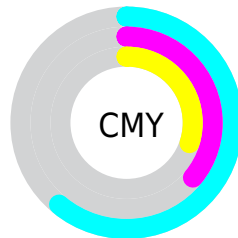
- Red (39%)
- Green (64%)
- Blue (70%)



- Red (39%)
- Yellow (53%)
- Blue (70%)



- Cyan (44%)
- Magenta (8%)
- Yellow (0%)
- Black (30%)



- Cyan (61%)
- Magenta (36%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63A4B2 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 63A4B2 by changing the saturation by 10% instead.





63A4B2



63A4B2

FFFFFF



488A97



9ADBEA



2B707D



B6F8FF



055864



D2FFFF



00404C



F0FFFF



002A36



001620



000007



000000



63A4B2



63A4B2

51A1B2

75A7B2

3F9EB2

87AAB2

2E9BB2

98ADB2

1C97B2

AAB1B2

0A94B2

BCB4B2

0092B2

CEB7B2

E0BAB2

F1BDB2

FFC0B2

# Harmonies

## Analogous

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



66A5A0



63A4B2



71A0BE

# Triad

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



63A4B2



B88EA9



A39B74

# Complementary

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



63A4B2



B27163

# 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.



B59476



63A4B2



C28C95

# Square

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



63A4B2



A593B9



C08F83



8DA07C

# Rectangle

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



63A4B2



829CC1



C08F83



A99973



# Sweetspot

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



63A4B2



CAE3E8



63B270



637275



F5F5F5



757575



# Same Dimension

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



63A4B2



6DD2E8



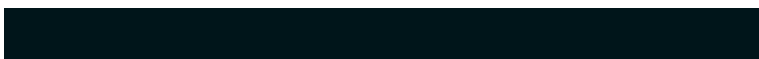
637DB2



505859



007E99



00151A



# Inverse Universe

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



B263A4



E86DD2



B29863



595058



99007E

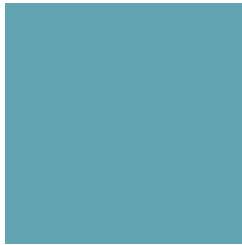


1A0015



# Previews

## White Background



This preview shows how the Hex color 63A4B2 looks on a white background.

## Color Contrast Check

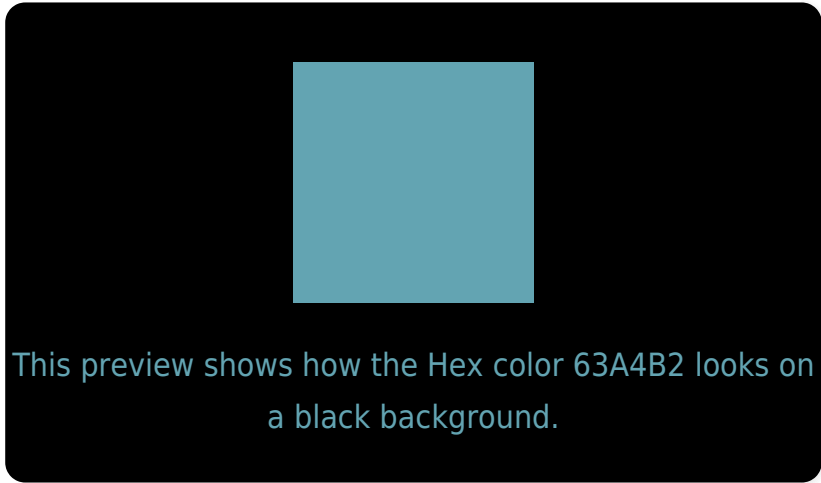
Large Text (above 18pt) WCAG AA × Fail

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

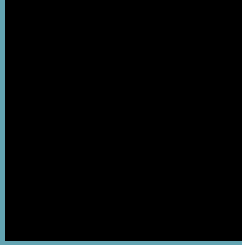
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 63A4B2 Background



This preview shows how black text looks on a background with the Hex color 63A4B2.

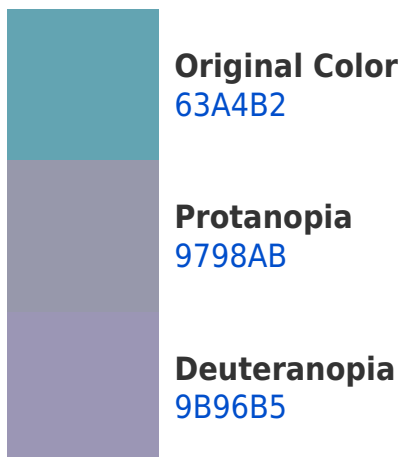


This preview shows how white text looks on a background with the Hex color 63A4B2.

# 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](#).

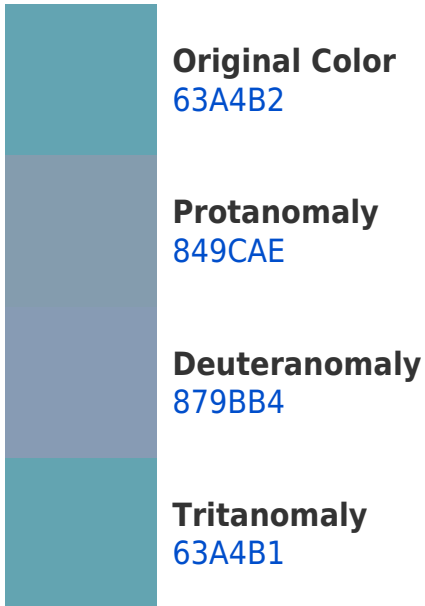
## Dichromacy



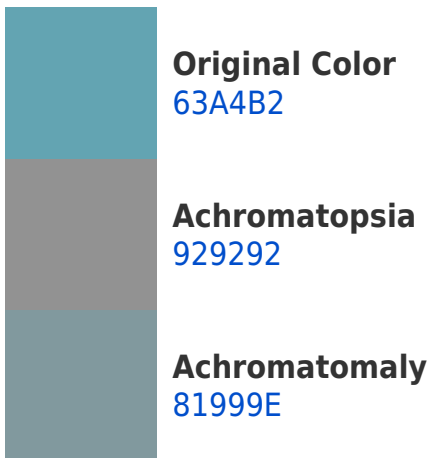


**Tritanopia**  
63A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63A4B2 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 #63A4B2 looks like.

```
.text, #text, p{  
    color:#63A4B2  
}
```

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 #63A4B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63A4B2
}
```

## Border

The CSS property to change the border of an element to Hex 63A4B2 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
#63A4B2 }
```

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

```
.border{ border-color:#63A4B2 }
```

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

Here you see how a box with a 4 pixel #63A4B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63A4B2; -webkit-box-shadow:4px 4px  
4px 4px #63A4B2; box-shadow:4px 4px 4px  
4px #63A4B2 }
```

# Background

The CSS property to change the background color of an element to Hex 63A4B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63A4B2 }
```

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

```
.background{ background-color:#63A4B2 }
```

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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