

Converting Colors

Hex(63ABB4)

Have a look what the booklet for
Hex(63ABB4) contains.

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Color

Hex(63ABB4)

Conversions

Conversions Part 1

Format	Color
Hex	63ABB4
RGB	99, 171, 180
RGB Percent	39%, 67%, 71%
CMY	0.6118, 0.3294, 0.2941
CMYK	0.45, 0.05, 0.00, 0.29
HSL	187°, 35%, 55%
HSV	187°, 45%, 71%
XYZ	27.9467, 35.0738, 48.4770
YIQ	150.4980, -45.8010, -12.4650

Conversions

Conversions Part 2

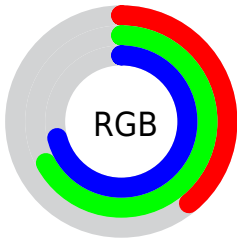
Format	Color
RYB	99, 137, 180
Decimal	6532020
CIELab	65.81, -20.13, -11.67
CIELCh	66, 23.270, 210.107
Yxy	35.0738, 0.2506, 0.3146
Android (android.graphics.Color)	4284722100 (0xFF63ABB4)
YUV	150.4980, 14.5445, -45.1637
Hunter-Lab	59.2231, -19.4083, -7.0756

Details

The Hex color **63ABB4** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B46C63**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **9AE3EC**, and **2A777F** is the 20% darker color. If you saturate the color by 10%, you get **51A9B4**, and if you desaturate by 10%, it is **75ADB4**.

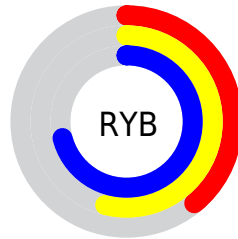
Distribution



Red (39%)

Green (67%)

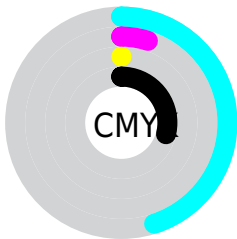
Blue (71%)



Red (39%)

Yellow (54%)

Blue (71%)

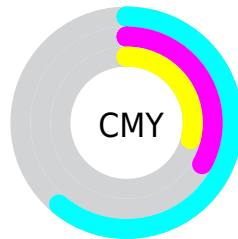


Cyan (45%)

Magenta (5%)

Yellow (0%)

Black (29%)



Cyan (61%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63ABB4 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 63ABB4 by changing the saturation by 10% instead.



63ABB4



63ABB4

FFFFFF



479099



9AE3EC



2A777F



B6FFFF



005E66



D3FFFF



00464E



F0FFFF



002F37



001C22



00000B



000000



63ABB4



63ABB4

51A9B4

75ADB4

3FA7B4

87AFB4

2DA5B4

99B1B4

1BA3B4

ABB3B4

09A1B4

BDB5B4

00A0B4

CFB7B4

E1B9B4

F3BBB4

FFBDB4

Harmonies

Analogous

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



6CAC9F



63ABB4



6DA8C3

Triad

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



63ABB4



BB94B5



AF9E76

Complementary

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



63ABB4



B46C63

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.



C1987C



63ABB4



C891A1

Square

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



63ABB4



A39AC4



CA928C



99A57B

Rectangle

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



63ABB4



7DA4C8



CA928C



B69C77

Sweetspot

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



63ABB4



CAE7EB



63B46B



617375



F5F5F5



757575

Same Dimension

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



63ABB4



6CDDEB



6383B4



505859



008899



00171A

Inverse Universe

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



B463AB



EB6CDD



B49463



595058



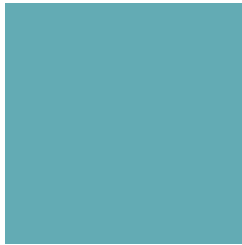
990088



1A0017

Previews

White Background



This preview shows how the Hex color 63ABB4 looks on a white background.

Color Contrast Check

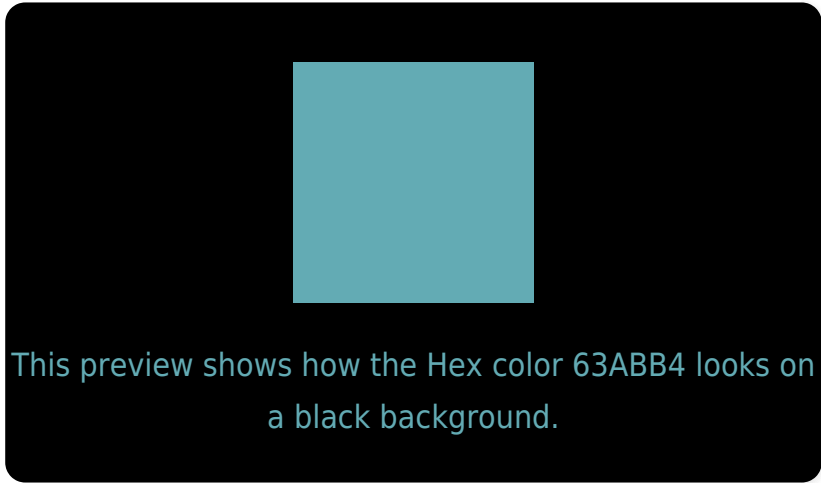
Large Text (above 18pt) WCAG AA × Fail

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 63ABB4 Background



This preview shows how black text looks on a background with the Hex color 63ABB4.

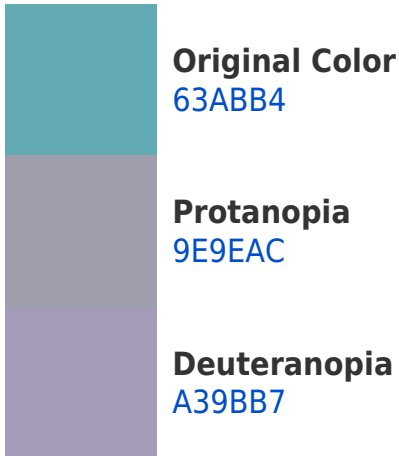


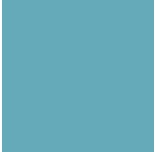
This preview shows how white text looks on a background with the Hex color 63ABB4.

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](#).

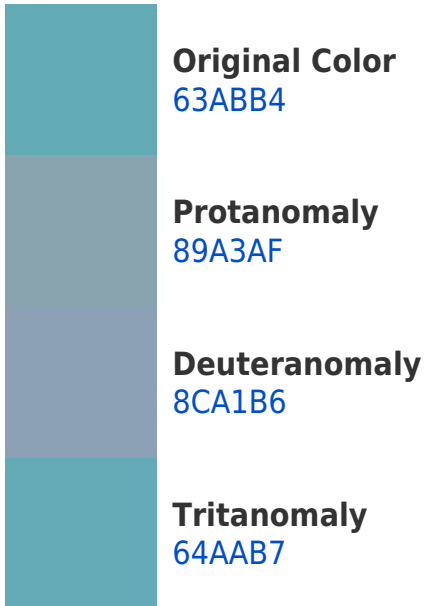
Dichromacy



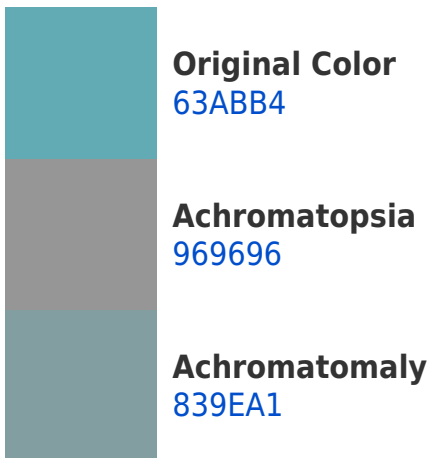


Tritanopia
64AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63ABB4 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 #63ABB4 looks like.

```
.text, #text, p{  
    color:#63ABB4  
}
```

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 #63ABB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63ABB4
}
```

Border

The CSS property to change the border of an element to Hex 63ABB4 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
#63ABB4 }
```

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

```
.border{ border-color:#63ABB4 }
```

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

Here you see how a box with a 4 pixel #63ABB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63ABB4; -webkit-box-shadow:4px 4px  
4px 4px #63ABB4; box-shadow:4px 4px 4px  
4px #63ABB4 }
```

Background

The CSS property to change the background color of an element to Hex 63ABB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63ABB4 }
```

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

```
.background{ background-color:#63ABB4 }
```

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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