

Converting Colors

Hex(63B0B8)

Have a look what the booklet for
Hex(63B0B8) contains.

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Color

Hex(63B0B8)

Conversions

Conversions Part 1

Format	Color
Hex	63B0B8
RGB	99, 176, 184
RGB Percent	39%, 69%, 72%
CMY	0.6118, 0.3098, 0.2784
CMYK	0.46, 0.04, 0.00, 0.28
HSL	186°, 37%, 55%
HSV	186°, 46%, 72%
XYZ	29.3227, 37.1640, 50.9753
YIQ	153.8890, -48.4600, -13.8360

Conversions

Conversions Part 2

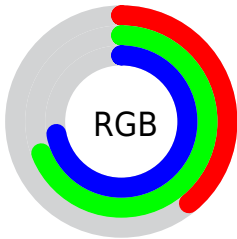
Format	Color
RYB	99, 139, 184
Decimal	6533304
CIELab	67.40, -21.63, -11.50
CIElCh	67, 24.500, 208.005
Yxy	37.1640, 0.2496, 0.3164
Android (android.graphics.Color)	4284723384 (0xFF63B0B8)
YUV	153.8890, 14.8447, -48.1377
Hunter-Lab	60.9623, -20.8261, -6.9034

Details

The Hex color **63B0B8** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B86B63**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **9BE8F0**, and **297B83** is the 20% darker color. If you saturate the color by 10%, you get **51AEB8**, and if you desaturate by 10%, it is **75B2B8**.

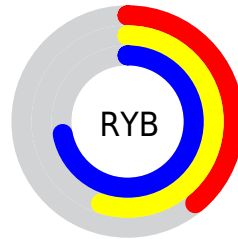
Distribution



Red (39%)

Green (69%)

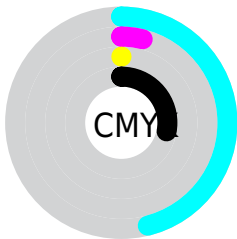
Blue (72%)



Red (39%)

Yellow (55%)

Blue (72%)

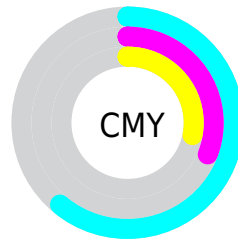


Cyan (46%)

Magenta (4%)

Yellow (0%)

Black (28%)



Cyan (61%)

Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63B0B8 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 63B0B8 by changing the saturation by 10% instead.

 63B0B8

 63B0B8

FFFFFF

 47959D

 9BE8F0

 297B83

 B7FFFF

 00626A

 D4FFFF

 004A52

 F1FFFF

 00333B

 001F25

 000110

 000000

 63B0B8

 63B0B8

51AEB8

75B2B8

3EADB8

88B3B8

2CABB8

9AB5B8

19A9B8

ADB7B8

07A7B8

BFB9B8

00A7B8

D1BAB8

E4BCB8

F6BEB8

FFC0B8

Harmonies

Analogous

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



6EB0A2



63B0B8



6CADC9

Triad

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



63B0B8



BF98BC



B6A278

Complementary

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



63B0B8



B86B63

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.



C89B7F



63B0B8



CE94A6

Square

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



63B0B8



A69FCB



D19590



9EA97D

Rectangle

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



63B0B8



7DA9CF



D19590



BDA079

Sweetspot

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



63B0B8



CEEDF0



63B86A



637678



F7F7F7



787878

Same Dimension

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



63B0B8



6CE3F0



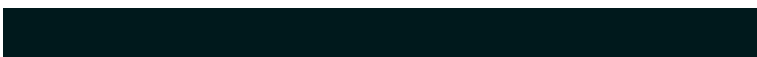
6386B8



535B5C



008D9C



00191C

Inverse Universe

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



B863B0



F06CE3



B89563



5C535B



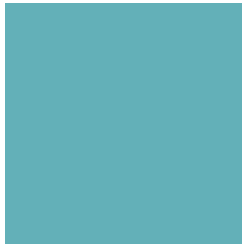
9C008D



1C0019

Previews

White Background



This preview shows how the Hex color 63B0B8 looks on a white background.

Color Contrast Check

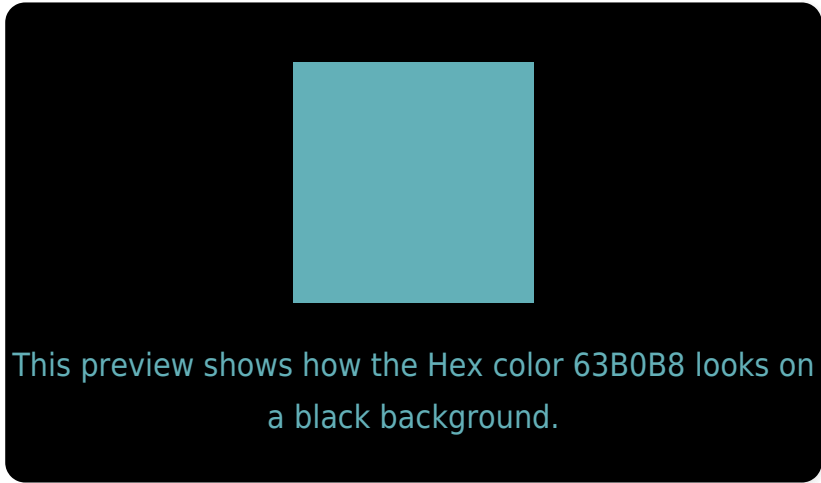
Large Text (above 18pt) WCAG AA × Fail

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

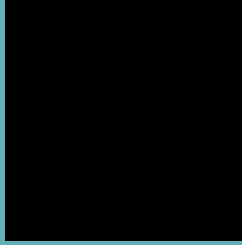
Any Text WCAG AA ✓ Pass

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 63B0B8 Background



This preview shows how black text looks on a background with the Hex color 63B0B8.

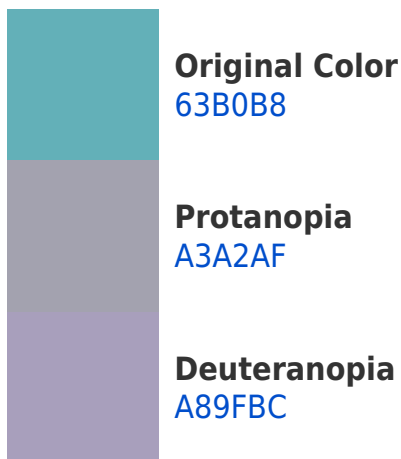


This preview shows how white text looks on a background with the Hex color 63B0B8.

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
65AFBD

Trichromacy



Original Color
63B0B8



Protanomaly
8CA7B2



Deuteranomaly
8FA5BB



Tritanomaly
64AFBB

Monochromacy



Original Color
63B0B8



Achromatopsia
9A9A9A



Achromatomaly
86A2A5

CSS Examples

Text

The CSS property to change the color of the text to Hex 63B0B8 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 #63B0B8 looks like.

```
.text, #text, p{  
    color:#63B0B8  
}
```

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 #63B0B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63B0B8
}
```

Border

The CSS property to change the border of an element to Hex 63B0B8 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
#63B0B8 }
```

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

```
.border{ border-color:#63B0B8 }
```

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

Here you see how a box with a 4 pixel #63B0B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63B0B8; -webkit-box-shadow:4px 4px  
4px 4px #63B0B8; box-shadow:4px 4px 4px  
4px #63B0B8 }
```

Background

The CSS property to change the background color of an element to Hex 63B0B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63B0B8 }
```

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

```
.background{ background-color:#63B0B8 }
```

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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