

Converting Colors

Hex(63BAC8)

Have a look what the booklet for
Hex(63BAC8) contains.

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Color

Hex(63BAC8)

Conversions

Conversions Part 1

Format	Color
Hex	63BAC8
RGB	99, 186, 200
RGB Percent	39%, 73%, 78%
CMY	0.6118, 0.2706, 0.2157
CMYK	0.51, 0.07, 0.00, 0.22
HSL	188°, 48%, 59%
HSV	188°, 50%, 78%
XYZ	33.1298, 41.9406, 60.9928
YIQ	161.5830, -56.3460, -14.0900

Conversions

Conversions Part 2

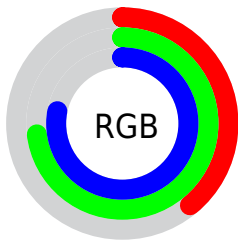
Format	Color
RYB	99, 146, 200
Decimal	6535880
CIELab	70.83, -22.39, -15.16
CIElCh	71, 27.036, 214.109
Yxy	41.9406, 0.2435, 0.3082
Android (android.graphics.Color)	4284725960 (0xFF63BAC8)
YUV	161.5830, 18.9396, -54.8853
Hunter-Lab	64.7616, -22.0182, -10.5066

Details

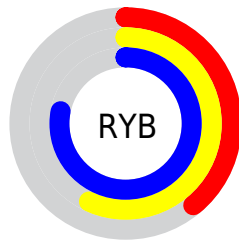
The Hex color **63BAC8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C87163**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **9CF2FF**, and **248592** is the 20% darker color. If you saturate the color by 10%, you get **4FB7C8**, and if you desaturate by 10%, it is **77BDC8**.

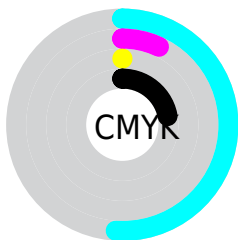
Distribution



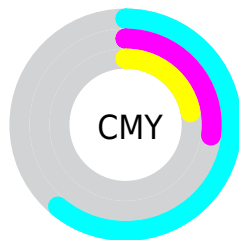
- Red (39%)
- Green (73%)
- Blue (78%)



- Red (39%)
- Yellow (57%)
- Blue (78%)



- Cyan (51%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)



- Cyan (61%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63BAC8 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 63BAC8 by changing the saturation by 10% instead.

 63BAC8

 63BAC8

FFFFFF

 469FAD

 9CF2FF

 248592

 B9FFFF

 006B78

 D6FFFF

 005360

 F4FFFF

 003B48

 002531

 00071D

 000000

 63BAC8

 63BAC8

 4FB7C8

 77BDC8

 3BB4C8

 8BC0C8

 27B2C8

 9FC2C8

 13AFC8

 B3C5C8

 00ACC8

 C7C8C8

 DBCBC8

 EFCDC8

 FFD0C8

 FFD3C8

Harmonies

Analogous

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



6CBBB0



63BAC8



73B6D9

Triad

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



63BAC8



D09EC3



BCAD7C

Complementary

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



63BAC8



C87163

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.



D1A582



63BAC8



DE9BAB

Square

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



63BAC8



B5A6D6



DE9E93



A1B484

Rectangle

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



63BAC8



88B1DE



DE9E93



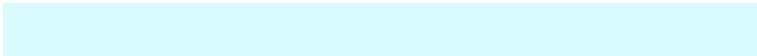
C4AA7D

Sweetspot

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



63BAC8



D9FAFF



63C870



697C80



000000



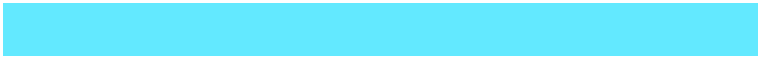
808080

Same Dimension

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



63BAC8



63E9FF



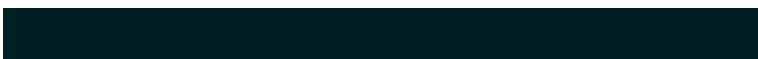
6388C8



5A6263



008DA3



001F24

Inverse Universe

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



C863BA



FF63E9



C8A363



635A62



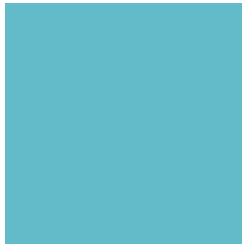
A3008D



24001F

Previews

White Background



This preview shows how the Hex color 63BAC8 looks on a white background.

Color Contrast Check

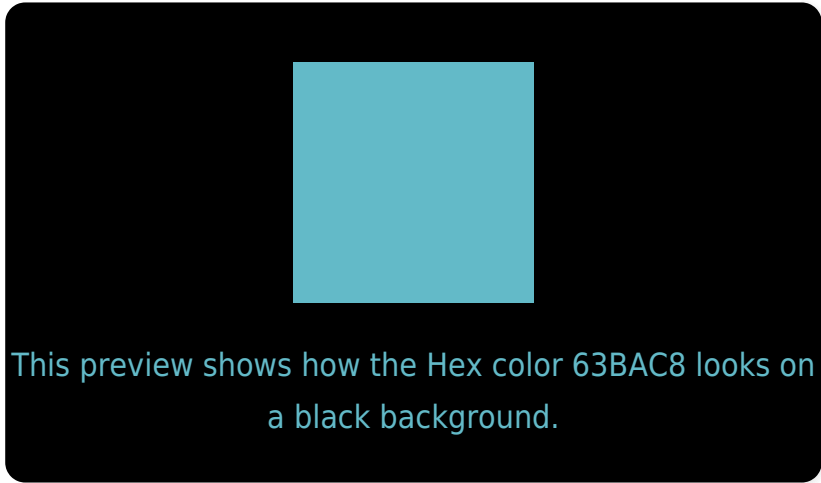
Large Text (above 18pt) WCAG AA × Fail

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

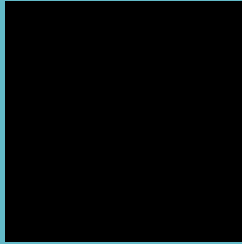
Any Text WCAG AA ✓ Pass

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 63BAC8 Background



This preview shows how black text looks on a background with the Hex color 63BAC8.

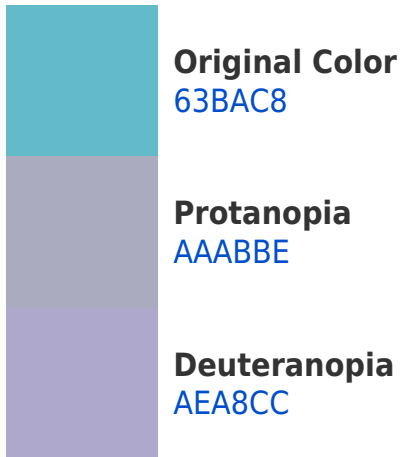


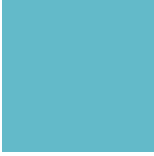
This preview shows how white text looks on a background with the Hex color 63BAC8.

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](#).

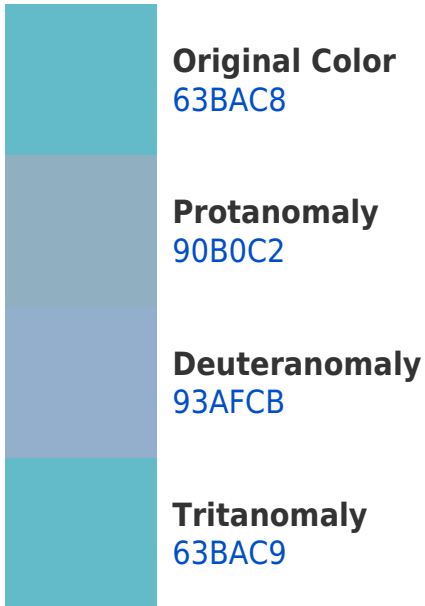
Dichromacy



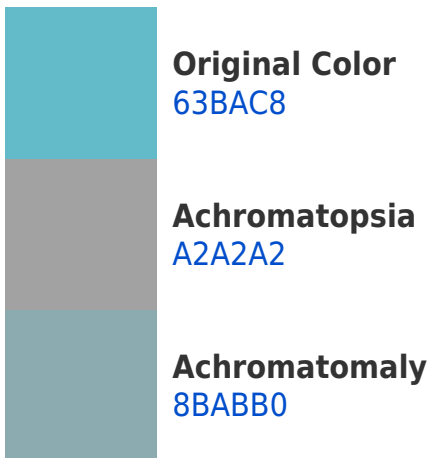


Tritanopia
63BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63BAC8 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 #63BAC8 looks like.

```
.text, #text, p{  
    color:#63BAC8  
}
```

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 #63BAC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63BAC8  
}
```

Border

The CSS property to change the border of an element to Hex 63BAC8 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  
#63BAC8 }
```

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

```
.border{ border-color:#63BAC8 }
```

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

Here you see how a box with a 4 pixel #63BAC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63BAC8; -webkit-box-shadow:4px 4px  
4px 4px #63BAC8; box-shadow:4px 4px 4px  
4px #63BAC8 }
```

Background

The CSS property to change the background color of an element to Hex 63BAC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63BAC8 }
```

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

```
.background{ background-color:#63BAC8 }
```

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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