

Converting Colors

Hex(8BC3D4)

Have a look what the booklet for
Hex(8BC3D4) contains.

Hex(8BC3D4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8BC3D4)

Conversions

Conversions Part 1

Format	Color
Hex	8BC3D4
RGB	139, 195, 212
RGB Percent	55%, 76%, 83%
CMY	0.4549, 0.2353, 0.1686
CMYK	0.34, 0.08, 0.00, 0.17
HSL	194°, 46%, 69%
HSV	194°, 34%, 83%
XYZ	42.0462, 49.2726, 69.5819
YIQ	180.1940, -38.8330, -6.5850

Conversions

Conversions Part 2

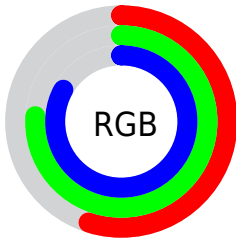
Format	Color
R _{YB}	139, 171, 212
Decimal	9159636
CIE _{Lab}	75.62, -13.94, -14.30
CIE _{LCh}	76, 19.972, 225.739
Y _{xy}	49.2726, 0.2613, 0.3062
Android (android.graphics.Color)	4287349716 (0xFF8BC3D4)
YUV	180.1940, 15.6804, -36.1271
Hunter-Lab	70.1945, -15.9195, -9.6364

Details

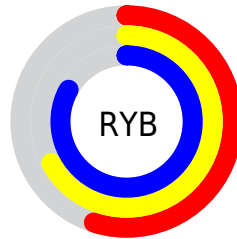
The Hex color **8BC3D4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D49C8B**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **C3FCFF**, and **558D9D** is the 20% darker color. If you saturate the color by 10%, you get **76BED4**, and if you desaturate by 10%, it is **A0C8D4**.

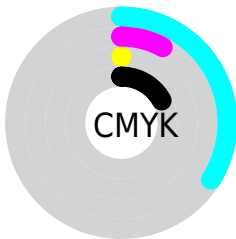
Distribution



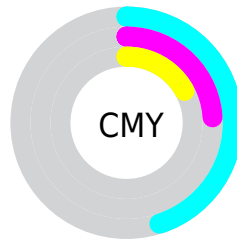
- Red (55%)
- Green (76%)
- Blue (83%)



- Red (55%)
- Yellow (67%)
- Blue (83%)



- Cyan (34%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)



- Cyan (45%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8BC3D4 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 8BC3D4 by changing the saturation by 10% instead.

 8BC3D4

 8BC3D4

FFFFFF

 70A8B8

 C3FCFF

 558D9D

 DFFFFFF

 3B7483

 FCFFFF

 1E5B6A

 004352

 002D3B

 001925

 000110

 000000

8BC3D4

8BC3D4

76BED4

A0C8D4

61B9D4

B5CDD4

4BB4D4

CBD2D4

36AFD4

E0D7D4

21AAD4

F5DCD4

0CA5D4

FFE1D4

00A3D4

FFE6D4

FFEAD4

FFEFD4

Harmonies

Analogous

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



8AC5C4



8BC3D4



9BBFDD

Triad

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



8BC3D4



DAAEC4



BEBC97

Complementary

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



8BC3D4



D49C8B

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.



D1B697



8BC3D4



E1AEB1

Square

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



8BC3D4



C9B3D4



DDB1A1



A9C1A0

Rectangle

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



8BC3D4



AABBDF



DDB1A1



C5BA96

Sweetspot

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



8BC3D4



E6F9FF



8BD49B



707C80



000000



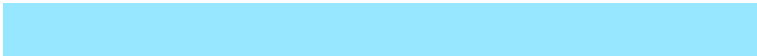
808080

Same Dimension

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



8BC3D4



96E7FF



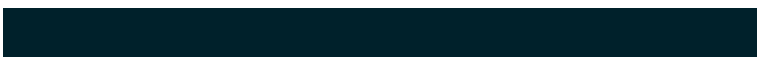
8BA0D4



60696B



0083AB



00212B

Inverse Universe

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



D48BC3



FF96E7



D4BF8B



6B6069



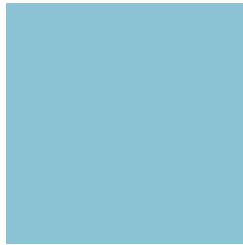
AB0083



2B0021

Previews

White Background



This preview shows how the Hex color 8BC3D4 looks on a white background.

Color Contrast Check

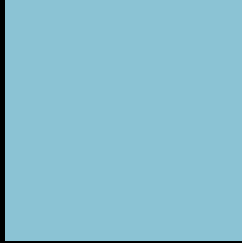
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 8BC3D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

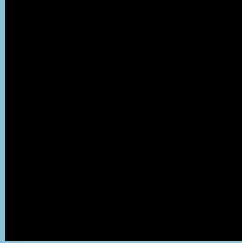
Any Text WCAG AA ✓ Pass

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 8BC3D4 Background



This preview shows how black text looks on a background with the Hex color 8BC3D4.



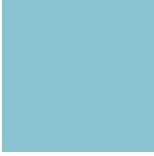
This preview shows how white text looks on a background with the Hex color 8BC3D4.

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](#).

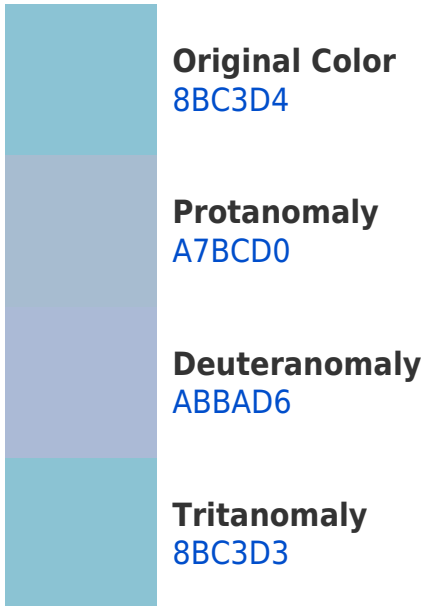
Dichromacy





Tritanopia
8BC3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8BC3D4 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 #8BC3D4 looks like.

```
.text, #text, p{  
    color:#8BC3D4  
}
```

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 #8BC3D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BC3D4
}
```

Border

The CSS property to change the border of an element to Hex 8BC3D4 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
#8BC3D4 }
```

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

```
.border{ border-color:#8BC3D4 }
```

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

Here you see how a box with a 4 pixel #8BC3D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BC3D4; -webkit-box-shadow:4px 4px  
4px 4px #8BC3D4; box-shadow:4px 4px 4px  
4px #8BC3D4 }
```

Background

The CSS property to change the background color of an element to Hex 8BC3D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BC3D4 }
```

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

```
.background{ background-color:#8BC3D4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor