

Converting Colors

Hex(5BCAC6)

Have a look what the booklet for
Hex(5BCAC6) contains.

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Color

Hex(5BCAC6)

Conversions

Conversions Part 1

Format	Color
Hex	5BCAC6
RGB	91, 202, 198
RGB Percent	36%, 79%, 78%
CMY	0.6431, 0.2078, 0.2235
CMYK	0.55, 0.00, 0.02, 0.21
HSL	178°, 51%, 57%
HSV	178°, 55%, 79%
XYZ	35.6280, 48.5424, 60.9179
YIQ	168.3550, -64.8720, -24.7760

Conversions

Conversions Part 2

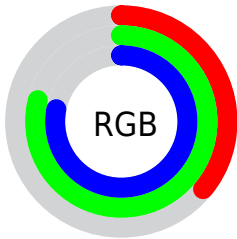
Format	Color
RYB	91, 148, 202
Decimal	6015686
CIELab	75.17, -32.44, -7.62
CIELCh	75, 33.325, 193.214
Yxy	48.5424, 0.2456, 0.3346
Android (android.graphics.Color)	4284205766 (0xFF5BCAC6)
YUV	168.3550, 14.6150, -67.8403
Hunter-Lab	69.6724, -30.6482, -3.0694

Details

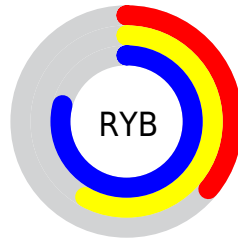
The Hex color **5BCAC6** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **CA5B5F**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **96FFFF**, and **0B9390** is the 20% darker color. If you saturate the color by 10%, you get **47CAC5**, and if you desaturate by 10%, it is **6FCAC7**.

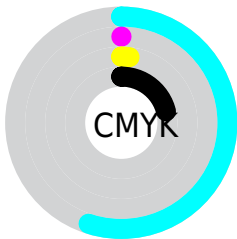
Distribution



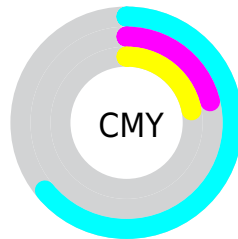
- Red (36%)
- Green (79%)
- Blue (78%)



- Red (36%)
- Yellow (58%)
- Blue (79%)



- Cyan (55%)
- Magenta (0%)
- Yellow (2%)
- Black (21%)



- Cyan (64%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BCAC6 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 5BCAC6 by changing the saturation by 10% instead.

 5BCAC6

 5BCAC6

FFFFFF

 3BAEAB

 96FFFF

 0B9390

 B4FFFF

 007977

 D1FFFF

 00605E

 EFFFFFF

 004846

 003030

 001B1B

 000000

 5BCAC6

 5BCAC6

■ 47CAC5

■ 6FCAC7

■ 33CAC5

■ 83CAC7

■ 1ECAC4

■ 98CAC8

■ 0ACAC3

■ ACCAC9

■ 00CAC3

■ C0CACA

■ D4CACA

■ E8CACB

■ FDCACC

■ FFCACD

Harmonies

Analogous

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



7AC9A6



5BCAC6



56C7E2

Triad

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



5BCAC6



CEACE6



DEB17F

Complementary

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



5BCAC6



CA5B5F

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.



F1A890



5BCAC6



EBA4CC

Square

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



5BCAC6



A5B7F5



F6A2AC



C1BC7D

Rectangle

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



5BCAC6



69C4EF



F6A2AC



E5AE83

Sweetspot

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



5BCAC6



D6FFFE



61CA5B



67807F



000000



808080

Same Dimension

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



5BCAC6



57FFF9



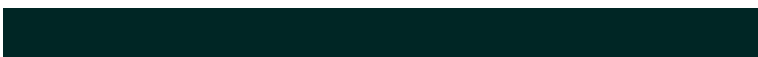
5B98CA



5C6666



00A6A0



002625

Inverse Universe

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



CA5B5F



FF575D



CA8D5B



665C5C



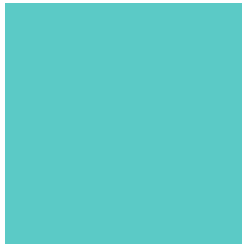
A60006



260001

Previews

White Background



This preview shows how the Hex color 5BCAC6 looks on a white background.

Color Contrast Check

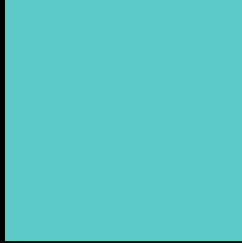
Large Text (above 18pt) WCAG AA × Fail

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 5BCAC6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

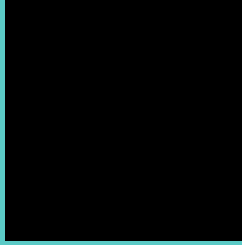
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

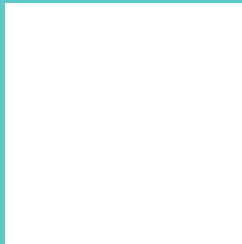
Any Text WCAG AAA ✓ Pass

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

Hex 5BCAC6 Background



This preview shows how black text looks on a background with the Hex color 5BCAC6.

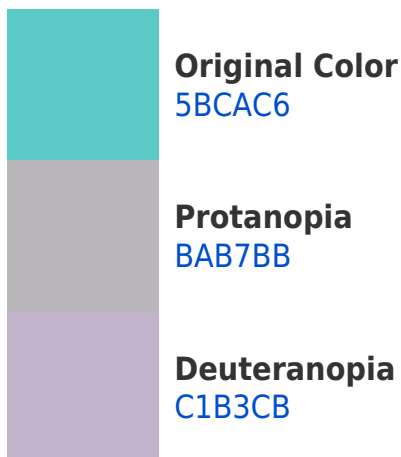


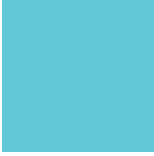
This preview shows how white text looks on a background with the Hex color 5BCAC6.

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
62C7D7

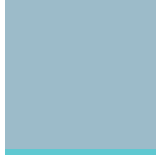
Trichromacy



Original Color
5BCAC6



Protanomaly
97BEBF



Deuteranomaly
9CBBC9

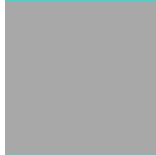


Tritanomaly
5FC8D1

Monochromacy



Original Color
5BCAC6



Achromatopsia
A8A8A8



Achromatomaly
8CB4B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 5BCAC6 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 #5BCAC6 looks like.

```
.text, #text, p{  
    color:#5BCAC6  
}
```

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 #5BCAC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BCAC6  
}
```

Border

The CSS property to change the border of an element to Hex 5BCAC6 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  
#5BCAC6 }
```

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

```
.border{ border-color:#5BCAC6 }
```

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

Here you see how a box with a 4 pixel #5BCAC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BCAC6; -webkit-box-shadow:4px 4px  
4px 4px #5BCAC6; box-shadow:4px 4px 4px  
4px #5BCAC6 }
```

Background

The CSS property to change the background color of an element to Hex 5BCAC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BCAC6 }
```

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

```
.background{ background-color:#5BCAC6 }
```

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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