

Converting Colors

Hex(6BC4C3)

Have a look what the booklet for
Hex(6BC4C3) contains.

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Color

Hex(6BC4C3)

Conversions

Conversions Part 1

Format	Color
Hex	6BC4C3
RGB	107, 196, 195
RGB Percent	42%, 77%, 76%
CMY	0.5804, 0.2314, 0.2353
CMYK	0.45, 0.00, 0.01, 0.23
HSL	179°, 43%, 59%
HSV	179°, 45%, 77%
XYZ	35.6537, 46.5458, 58.7348
YIQ	169.2750, -52.7230, -19.1790

Conversions

Conversions Part 2

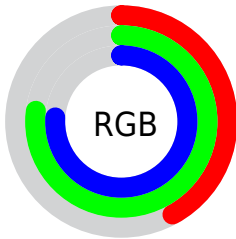
Format	Color
R _Y B	107, 152, 196
Decimal	7062723
CIE Lab	73.90, -26.89, -7.81
CIE LCh	74, 28.004, 196.195
Yxy	46.5458, 0.2530, 0.3303
Android (android.graphics.Color)	4285252803 (0xFF6BC4C3)
YUV	169.2750, 12.6824, -54.6152
Hunter-Lab	68.2245, -26.1099, -3.2860

Details

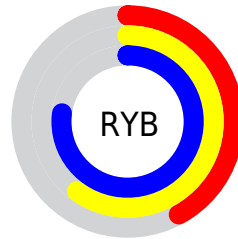
The Hex color **6BC4C3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C46B6C**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **A4FDFB**, and **308E8D** is the 20% darker color. If you saturate the color by 10%, you get **57C4C3**, and if you desaturate by 10%, it is **7FC4C3**.

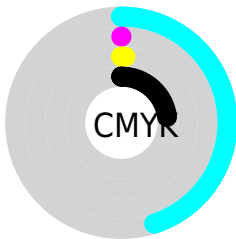
Distribution



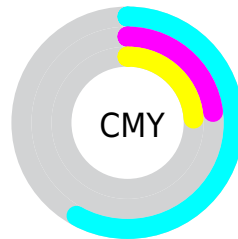
- Red (42%)
- Green (77%)
- Blue (76%)



- Red (42%)
- Yellow (60%)
- Blue (77%)



- Cyan (45%)
- Magenta (0%)
- Yellow (1%)
- Black (23%)



- Cyan (58%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BC4C3 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 6BC4C3 by changing the saturation by 10% instead.

 6BC4C3

 6BC4C3

FFFFFF

 4EA9A8

 A4FDFB

 308E8D

 C0FFFF

 017474

 DEFFFF

 005B5B

 FBFFFF

 004344

 002C2E

 001719

 000000

 6BC4C3

 6BC4C3

■ 57C4C3

■ 7FC4C3

■ 44C4C3

■ 92C4C3

■ 30C4C2

■ A6C4C4

■ 1DC4C2

■ B9C4C4

■ 09C4C2

■ CDC4C4

■ 00C4C2

■ E1C4C4

■ F4C4C5

■ FFC4C5

Harmonies

Analogous

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



80C3A9



6BC4C3



6CC1DA

Triad

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



6BC4C3



CBAAD9



D3B084

Complementary

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



6BC4C3



C46B6C

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.



E4A892



6BC4C3



E1A4C3

Square

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



6BC4C3



A9B3E7



EAA3A8



BAB884

Rectangle

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



6BC4C3



7BBEE4



EAA3A8



DAAD87

Sweetspot

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



6BC4C3



DBFFFF



6CC46B



6A807F



000000



808080

Same Dimension

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



6BC4C3



75FFFD



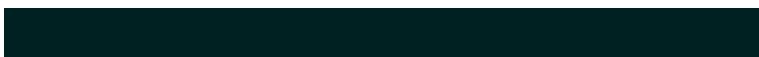
6B99C4



576161



00A19F



002121

Inverse Universe

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



C46B6C



FF7577



C4966B



615757



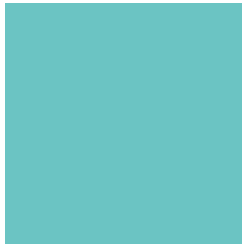
A10002



210000

Previews

White Background



This preview shows how the Hex color 6BC4C3 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 6BC4C3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

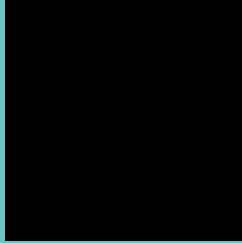
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

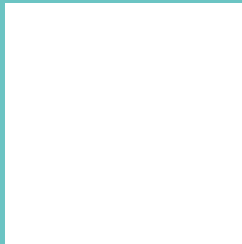
Any Text WCAG AAA ✓ Pass

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

Hex 6BC4C3 Background



This preview shows how black text looks on a background with the Hex color 6BC4C3.



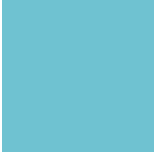
This preview shows how white text looks on a background with the Hex color 6BC4C3.

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
6FC2D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BC4C3 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 #6BC4C3 looks like.

```
.text, #text, p{  
    color:#6BC4C3  
}
```

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 #6BC4C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BC4C3
}
```

Border

The CSS property to change the border of an element to Hex 6BC4C3 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
#6BC4C3 }
```

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

```
.border{ border-color:#6BC4C3 }
```

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

Here you see how a box with a 4 pixel #6BC4C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BC4C3; -webkit-box-shadow:4px 4px  
4px 4px #6BC4C3; box-shadow:4px 4px 4px  
4px #6BC4C3 }
```

Background

The CSS property to change the background color of an element to Hex 6BC4C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BC4C3 }
```

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

```
.background{ background-color:#6BC4C3 }
```

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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