

Converting Colors

Hex(6BBAC4)

Have a look what the booklet for
Hex(6BBAC4) contains.

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Color

Hex(6BBAC4)

Conversions

Conversions Part 1

Format	Color
Hex	6BBAC4
RGB	107, 186, 196
RGB Percent	42%, 73%, 77%
CMY	0.5804, 0.2706, 0.2314
CMYK	0.45, 0.05, 0.00, 0.23
HSL	187°, 43%, 59%
HSV	187°, 45%, 77%
XYZ	33.5861, 42.2291, 58.6054
YIQ	163.5190, -50.2940, -13.6380

Conversions

Conversions Part 2

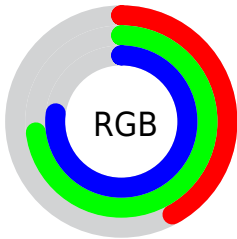
Format	Color
RYB	107, 149, 196
Decimal	7060164
CIELab	71.03, -21.63, -12.64
CIELCh	71, 25.055, 210.295
Yxy	42.2291, 0.2499, 0.3142
Android (android.graphics.Color)	4285250244 (0xFF6BBAC4)
YUV	163.5190, 16.0131, -49.5672
Hunter-Lab	64.9839, -21.4665, -7.9816

Details

The Hex color **6BBAC4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C4756B**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **A3F2FD**, and **31858E** is the 20% darker color. If you saturate the color by 10%, you get **57B8C4**, and if you desaturate by 10%, it is **7FBCC4**.

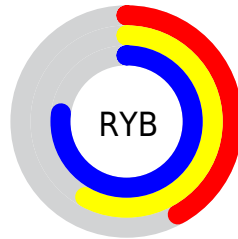
Distribution



Red (42%)

Green (73%)

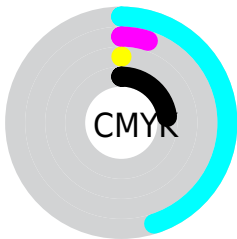
Blue (77%)



Red (42%)

Yellow (58%)

Blue (77%)

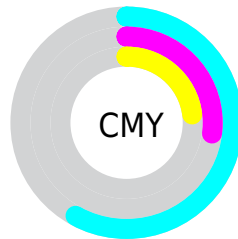


Cyan (45%)

Magenta (5%)

Yellow (0%)

Black (23%)



Cyan (58%)

Magenta (27%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BBAC4 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 6BBAC4 by changing the saturation by 10% instead.

 6BBAC4

 6BBAC4

FFFFFF

 4F9FA9

 A3F2FD

 31858E

 C0FFFF

 076B75

 DDFFFF

 00535C

 FAFFFF

 003B45

 00252E

 00081A

 000000

 6BBAC4

 6BBAC4

57B8C4

7FBCC4

44B6C4

92BEC4

30B3C4

A6C1C4

1DB1C4

B9C3C4

09AFC4

CDC5C4

00AEC4

E1C7C4

F4C9C4

FFCCC4

FFCEC4

Harmonies

Analogous

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



75BBAD



6BBAC4



76B6D5

Triad

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



6BBAC4



CBA1C5



BEAC80

Complementary

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



6BBAC4



C4756B

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.



D2A587



6BBAC4



DA9DAE

Square

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



6BBAC4



B2A8D5



DC9F98



A6B386

Rectangle

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



6BBAC4



88B2DA



DC9F98



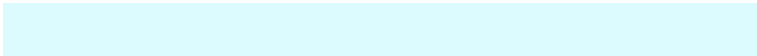
C6AA81

Sweetspot

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



6BBAC4



DBFBFF



6BC474



6A7D80



000000



808080

Same Dimension

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



6BBAC4



75F0FF



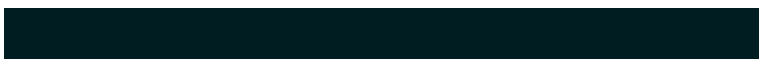
6B8FC4



576061



008FA1



001D21

Inverse Universe

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



C46BBA



FF75F0



C4A06B



615760



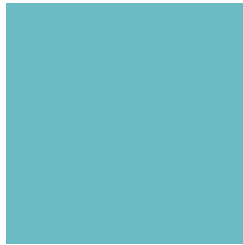
A1008F



21001D

Previews

White Background



This preview shows how the Hex color 6BBAC4 looks on a white background.

Color Contrast Check

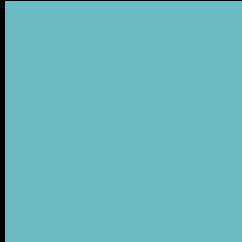
Large Text (above 18pt) WCAG AA × Fail

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 6BBAC4 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 6BBAC4 Background



This preview shows how black text looks on a background with the Hex color 6BBAC4.

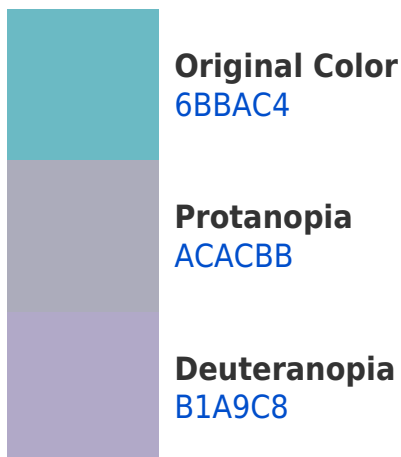


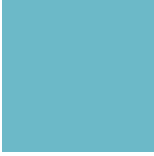
This preview shows how white text looks on a background with the Hex color 6BBAC4.

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](#).

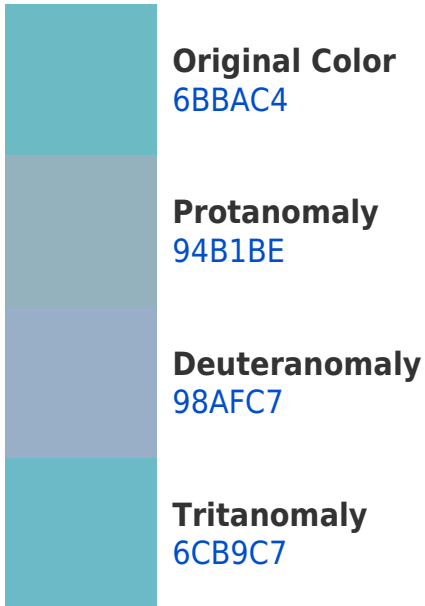
Dichromacy



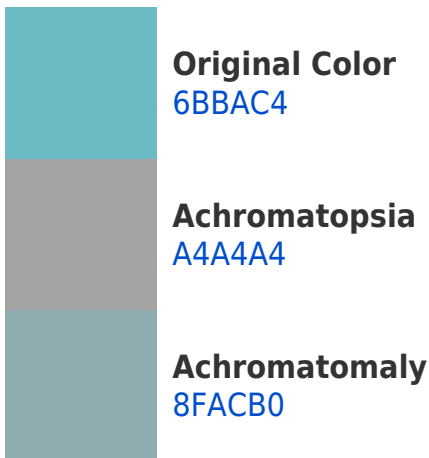


Tritanopia
6CB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BBAC4 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 #6BBAC4 looks like.

```
.text, #text, p{  
    color:#6BBAC4  
}
```

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 #6BBAC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BBAC4
}
```

Border

The CSS property to change the border of an element to Hex 6BBAC4 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
#6BBAC4 }
```

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

```
.border{ border-color:#6BBAC4 }
```

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

Here you see how a box with a 4 pixel #6BBAC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BBAC4; -webkit-box-shadow:4px 4px  
4px 4px #6BBAC4; box-shadow:4px 4px 4px  
4px #6BBAC4 }
```

Background

The CSS property to change the background color of an element to Hex 6BBAC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BBAC4 }
```

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

```
.background{ background-color:#6BBAC4 }
```

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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