

Converting Colors

Hex(5BB6A4)

Have a look what the booklet for
Hex(5BB6A4) contains.

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Color

Hex(5BB6A4)

Conversions

Conversions Part 1

Format	Color
Hex	5BB6A4
RGB	91, 182, 164
RGB Percent	36%, 71%, 64%
CMY	0.6431, 0.2863, 0.3569
CMYK	0.50, 0.00, 0.10, 0.29
HSL	168°, 38%, 54%
HSV	168°, 50%, 71%
XYZ	27.7432, 38.3604, 41.0640
YIQ	152.7390, -48.4580, -24.8900

Conversions

Conversions Part 2

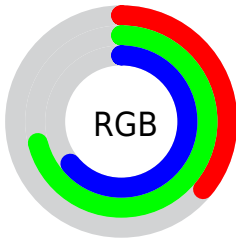
Format	Color
RYB	91, 141, 182
Decimal	6010532
CIELab	68.29, -31.63, 0.82
CIElCh	68, 31.637, 178.513
Yxy	38.3604, 0.2589, 0.3579
Android (android.graphics.Color)	4284200612 (0xFF5BB6A4)
YUV	152.7390, 5.5517, -54.1451
Hunter-Lab	61.9358, -28.4312, 4.0452

Details

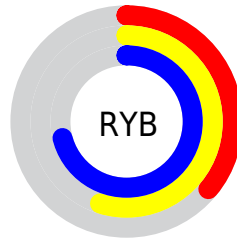
The Hex color **5BB6A4** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B65B6D**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **93EEDB**, and **1D8170** is the 20% darker color. If you saturate the color by 10%, you get **49B6A0**, and if you desaturate by 10%, it is **6DB6A8**.

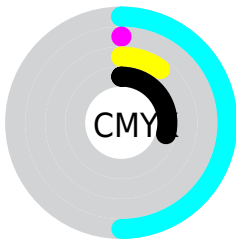
Distribution



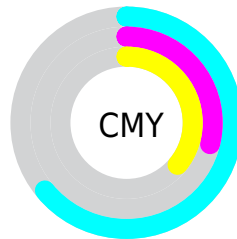
- Red (36%)
- Green (71%)
- Blue (64%)



- Red (36%)
- Yellow (55%)
- Blue (71%)



- Cyan (50%)
- Magenta (0%)
- Yellow (10%)
- Black (29%)



- Cyan (64%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BB6A4 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 5BB6A4 by changing the saturation by 10% instead.

 5BB6A4

 5BB6A4

FFFFFF

 3E9B8A

 93EEDB

 1D8170

 AFFFF7

 006758

 CCFFFF

 004E41

 EAFFFF

 00372B

 002316

 000000

 5BB6A4

 5BB6A4

 49B6A0

 6DB6A8

 37B69D

 7FB6AB

 24B699

 92B6AF

 12B696

 A4B6B2

 00B692

 B6B6B6

 C8B6BA

 DAB6BD

 EDB6C1

 FFB6C4

Harmonies

Analogous

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



7CB388



5BB6A4



46B5C1

Triad

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



5BB6A4



A8A0D9



D39A77

Complementary

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



5BB6A4



B65B6D

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.



DF938D



5BB6A4



CA96C5

Square

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



5BB6A4



7EAADF



DC91A9



BCA46D

Rectangle

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



5BB6A4



4BB3D0



DC91A9



D8987D

Sweetspot

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



5BB6A4



CAEDE6



6DB65B



627874



F7F7F7



787878

Same Dimension

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



5BB6A4



5FEDD1



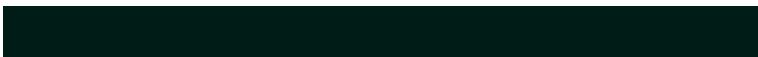
5B9BB6



535C5A



009C7D



001C17

Inverse Universe

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



B65B6D



ED5F7B



B6765B



5C5354



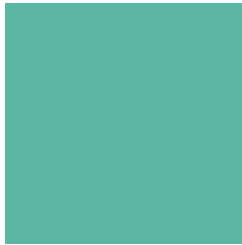
9C001F



1C0006

Previews

White Background



This preview shows how the Hex color 5BB6A4 looks on a white background.

Color Contrast Check

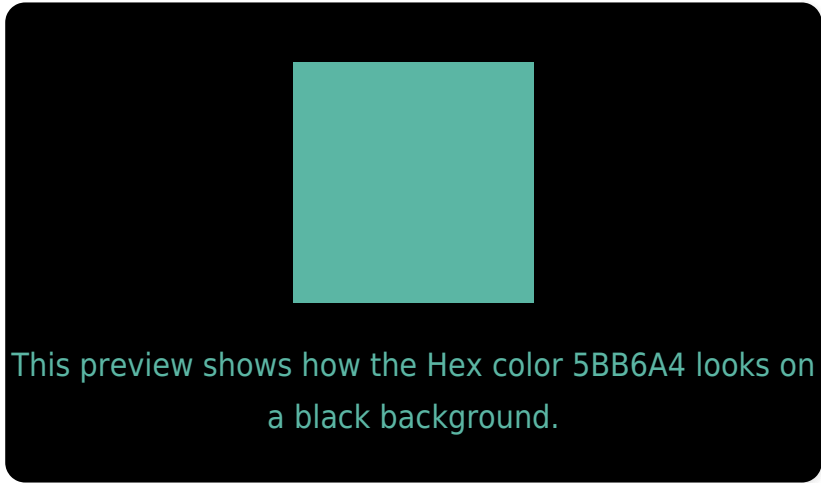
Large Text (above 18pt) WCAG AA × Fail

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

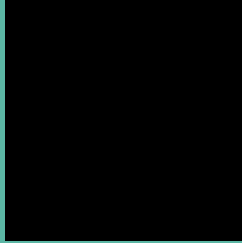
Any Text WCAG AA ✓ Pass

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 5BB6A4 Background



This preview shows how black text looks on a background with the Hex color 5BB6A4.

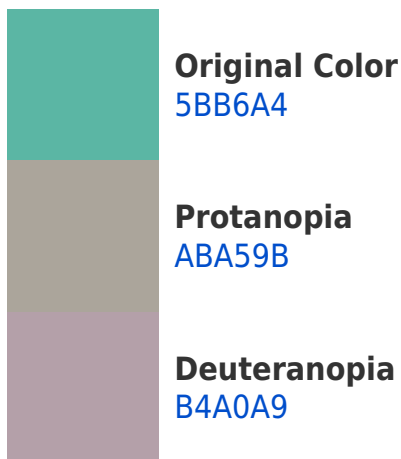


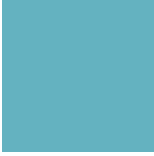
This preview shows how white text looks on a background with the Hex color 5BB6A4.

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



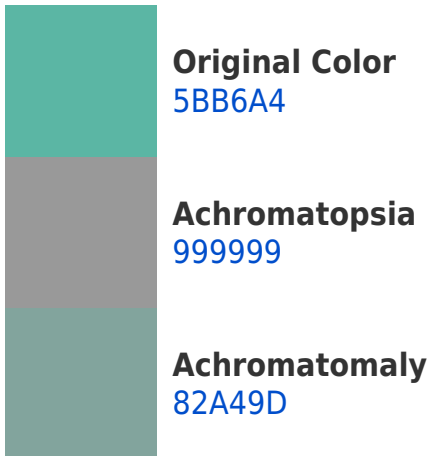


Tritanopia
64B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BB6A4 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 #5BB6A4 looks like.

```
.text, #text, p{  
    color:#5BB6A4  
}
```

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 #5BB6A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BB6A4
}
```

Border

The CSS property to change the border of an element to Hex 5BB6A4 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
#5BB6A4 }
```

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

```
.border{ border-color:#5BB6A4 }
```

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

Here you see how a box with a 4 pixel #5BB6A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BB6A4; -webkit-box-shadow:4px 4px  
4px 4px #5BB6A4; box-shadow:4px 4px 4px  
4px #5BB6A4 }
```

Background

The CSS property to change the background color of an element to Hex 5BB6A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BB6A4 }
```

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

```
.background{ background-color:#5BB6A4 }
```

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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