

# Converting Colors

Hex(6BB5A5)

Have a look what the booklet for  
Hex(6BB5A5) contains.

<b>Hex(6BB5A5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(6BB5A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BB5A5
RGB	107, 181, 165
RGB Percent	42%, 71%, 65%
CMY	0.5804, 0.2902, 0.3529
CMYK	0.41, 0.00, 0.09, 0.29
HSL	167°, 33%, 56%
HSV	167°, 41%, 71%
XYZ	29.3788, 38.8902, 41.5554
YIQ	157.0500, -38.9680, -20.6640

# Conversions

## Conversions Part 2

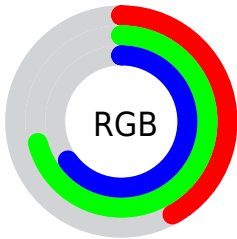
Format	Color
<a href="#">RYB</a>	<a href="#">107, 148, 181</a>
Decimal	<a href="#">7058853</a>
CIELab	<a href="#">68.67, -26.90, 0.91</a>
CIELCh	<a href="#">69, 26.913, 178.056</a>
Yxy	<a href="#">38.8902, 0.2675, 0.3541</a>
Android (android.graphics.Color)	<a href="#">4285248933</a> ( <a href="#">0xFF6BB5A5</a> )
YUV	<a href="#">157.0500, 3.9193, -43.8939</a>
Hunter-Lab	<a href="#">62.3620, -25.0419, 4.1450</a>

# Details

The Hex color **6BB5A5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B56B7B**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **A2EDDC**, and **358071** is the 20% darker color. If you saturate the color by 10%, you get **59B5A1**, and if you desaturate by 10%, it is **7DB5A9**.

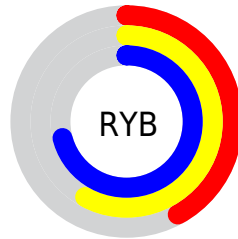
# Distribution



Red (42%)

Green (71%)

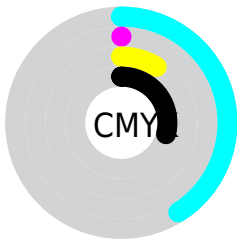
Blue (65%)



Red (42%)

Yellow (58%)

Blue (71%)

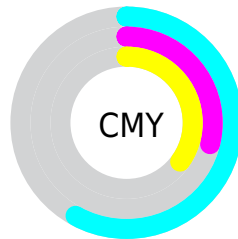


Cyan (41%)

Magenta (0%)

Yellow (9%)

Black (29%)



Cyan (58%)

Magenta (29%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BB5A5 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 6BB5A5 by changing the saturation by 10% instead.





6BB5A5



6BB5A5

FFFFFF



509A8B



A2EDDC



358071



BEFFF8



166659



DAFFFF



004E42



F8FFFF



00372C



002217



000000



6BB5A5



6BB5A5



59B5A1



7DB5A9

 47B59D


 8FB5AD

 35B599

 A1B5B1

 23B595

 B3B5B5

 11B591

 C6B5B9

 00B58E

 D8B5BC

 EAB5C0

 FCB5C4

 FFB5C8

# Harmonies

## Analogous

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



85B28D



6BB5A5



5DB5BD

# Triad

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



6BB5A5



A9A2D2



CE9D7F

# Complementary

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



6BB5A5



B56B7B

# 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.



D89792



6BB5A5



C59AC2

# Square

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



6BB5A5



87AAD8



D696AA



BBA577

# Rectangle

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



6BB5A5



62B2CB



D696AA



D39B84

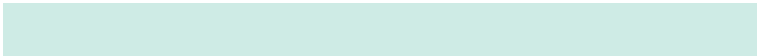


# Sweetspot

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



6BB5A5



CEEBE5



7BB56B



657572



F5F5F5



757575



# Same Dimension

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



6BB5A5



78EBD2



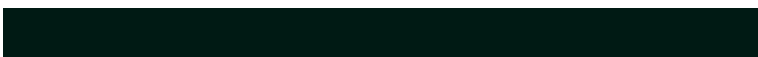
6BA0B5



505957



009978



001A14



# Inverse Universe

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



B56B7B



EB7891



B5806B



595052



990021

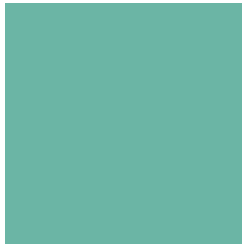


1A0006



# Previews

## White Background



This preview shows how the Hex color 6BB5A5 looks on a white background.

## Color Contrast Check

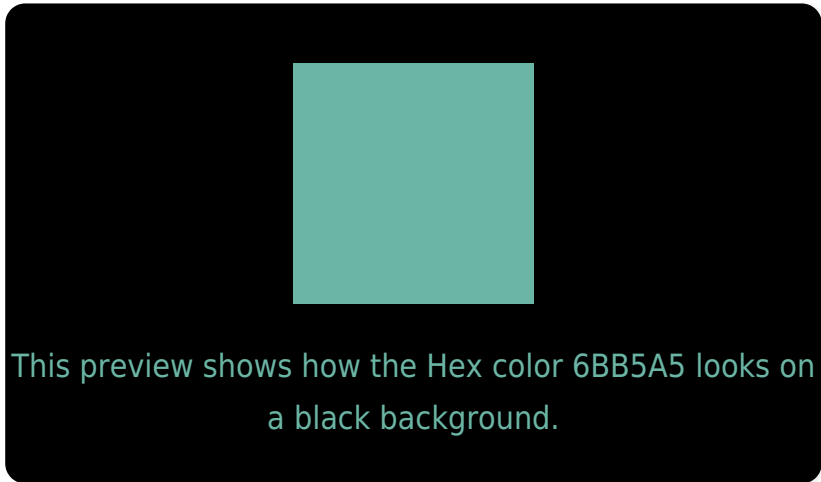
Large Text (above 18pt) WCAG AA × Fail

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

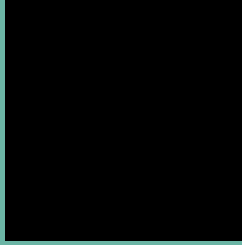
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

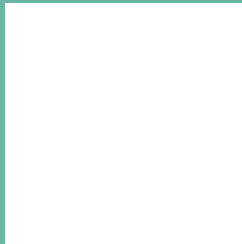
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6BB5A5 Background



This preview shows how black text looks on a background with the Hex color 6BB5A5.

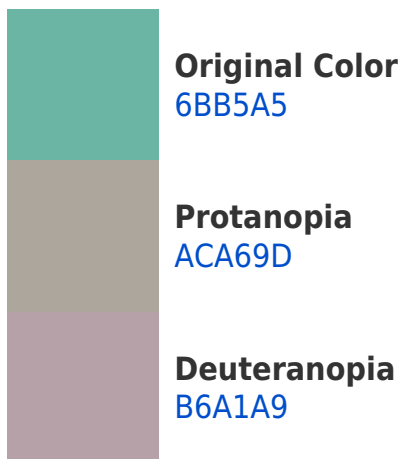


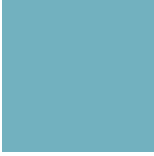
This preview shows how white text looks on a background with the Hex color 6BB5A5.

# 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](#).

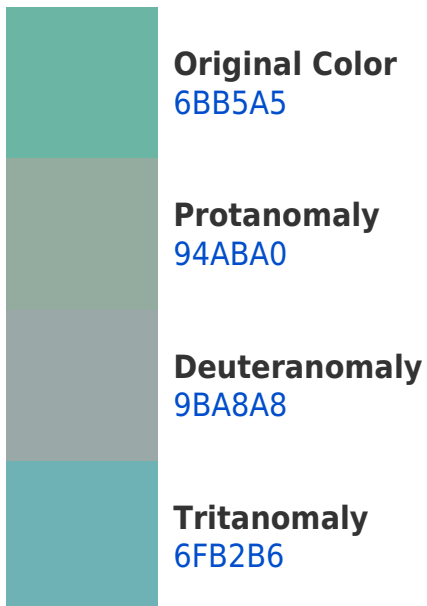
## Dichromacy



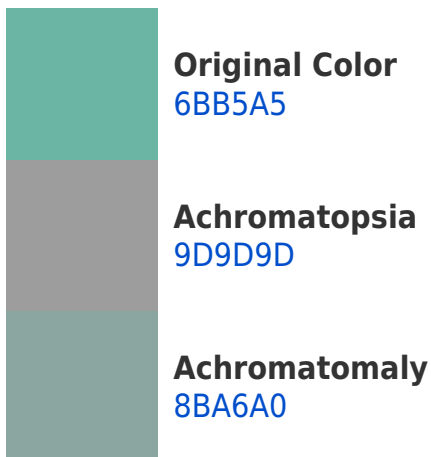


**Tritanopia**  
72B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BB5A5 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 #6BB5A5 looks like.

```
.text, #text, p{  
    color:#6BB5A5  
}
```

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 #6BB5A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BB5A5
}
```

## Border

The CSS property to change the border of an element to Hex 6BB5A5 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
#6BB5A5 }
```

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

```
.border{ border-color:#6BB5A5 }
```

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

Here you see how a box with a 4 pixel #6BB5A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BB5A5; -webkit-box-shadow:4px 4px  
4px 4px #6BB5A5; box-shadow:4px 4px 4px  
4px #6BB5A5 }
```

# Background

The CSS property to change the background color of an element to Hex 6BB5A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BB5A5 }
```

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

```
.background{ background-color:#6BB5A5 }
```

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