

# Converting Colors

Hex(6BB078)

Have a look what the booklet for  
Hex(6BB078) contains.

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**Color**

**Hex(6BB078)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BB078
RGB	107, 176, 120
RGB Percent	42%, 69%, 47%
CMY	0.5804, 0.3098, 0.5294
CMYK	0.39, 0.00, 0.32, 0.31
HSL	131°, 30%, 55%
HSV	131°, 39%, 69%
XYZ	24.9789, 35.5325, 23.3112
YIQ	148.9850, -23.1480, -32.0440

# Conversions

## Conversions Part 2

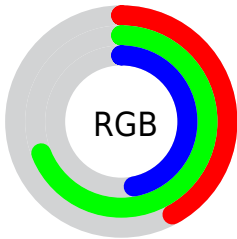
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">107, 165, 176</a>
Decimal	<a href="#">7057528</a>
CIELab	<a href="#">66.16, -33.87, 22.01</a>
CIELCh	<a href="#">66, 40.397, 146.984</a>
Yxy	<a href="#">35.5325, 0.2980, 0.4239</a>
Android (android.graphics.Color)	<a href="#">4285247608 (0xFF6BB078)</a>
YUV	<a href="#">148.9850, -14.2896, -36.8208</a>
Hunter-Lab	<a href="#">59.6092, -29.5166, 18.5400</a>

# Details

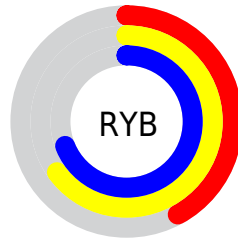
The Hex color **6BB078** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **B06BA3**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **A1E8AD**, and **367B47** is the 20% darker color. If you saturate the color by 10%, you get **59B06A**, and if you desaturate by 10%, it is **7DB086**.

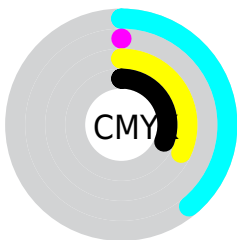
# Distribution



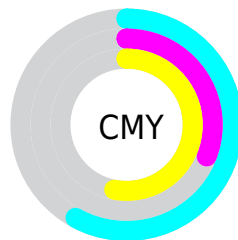
- Red (42%)
- Green (69%)
- Blue (47%)



- Red (42%)
- Yellow (65%)
- Blue (69%)



- Cyan (39%)
- Magenta (0%)
- Yellow (32%)
- Black (31%)



- Cyan (58%)
- Magenta (31%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BB078 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 6BB078 by changing the saturation by 10% instead.





6BB078



6BB078

FFFFFF



51955F



A1E8AD



367B47



BDFFC8



1A6230



D9FFE4



00491A



F6FFFF



003202



001E00



000000



6BB078



6BB078



59B06A



7DB086

 48B05B

 8EB095

 36B04D

 A0B0A3

 25B03F

 B1B0B1

 13B031

 C3B0BF

 01B022

 D5B0CE

 00B021

 E6B0DC

 F8B0EA

 FFB0F9

# Harmonies

## Analogous

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



96A95F



6BB078



31B49C

# Triad

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



6BB078



61A6E9



E68682

# Complementary

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



6BB078



B06BA3

# 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.



E384A6



6BB078



9F99E1

# Square

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



6BB078



00AFDD



CB8CC9



D79165

# Rectangle

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



6BB078



00B4B5



CB8CC9



E7848D



# Sweetspot

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



6BB078



CAE6CF



A3B06B



637366



F2F2F2



737373



# Same Dimension

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



6BB078



7AE68E



6BB09A



505952



00991D



001A05



# Inverse Universe

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



B06BA3



E67AD1



B06B81



595058



99007C



1A0015



# Previews

## White Background



This preview shows how the Hex color 6BB078 looks on a white background.

## Color Contrast Check

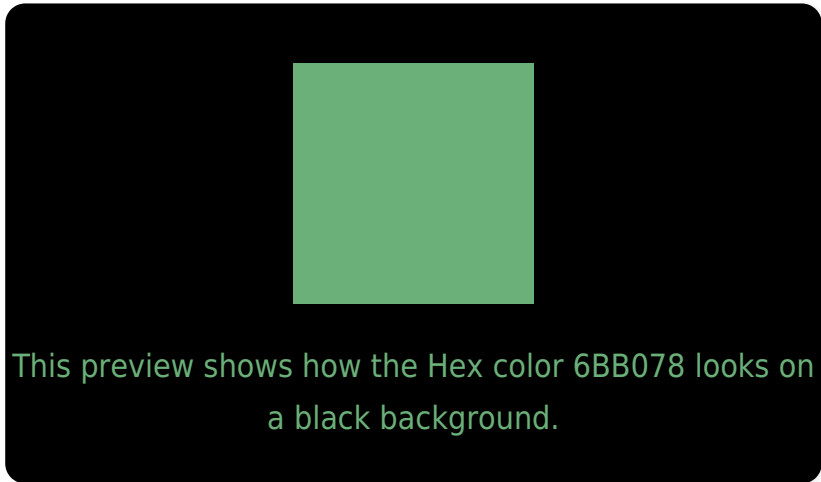
Large Text (above 18pt) WCAG AA × Fail

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

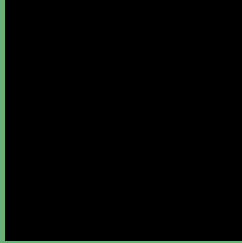
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6BB078 Background



This preview shows how black text looks on a background with the Hex color 6BB078.

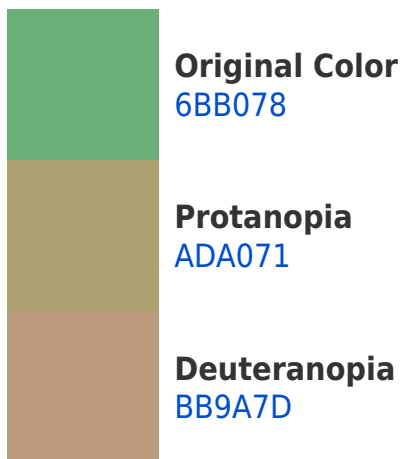


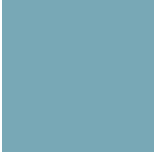
This preview shows how white text looks on a background with the Hex color 6BB078.

# 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**  
78A8B6

# Trichromacy



**Original Color**  
6BB078



**Protanomaly**  
95A674



**Deuteranomaly**  
9EA27B



**Tritanomaly**  
73AB9F

# Monochromacy



**Original Color**  
6BB078



**Achromatopsia**  
959595



**Achromatomaly**  
869F8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BB078 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 #6BB078 looks like.

```
.text, #text, p{  
    color:#6BB078  
}
```

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 #6BB078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BB078  
}
```

## Border

The CSS property to change the border of an element to Hex 6BB078 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  
#6BB078 }
```

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

```
.border{ border-color:#6BB078 }
```

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

Here you see how a box with a 4 pixel #6BB078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BB078; -webkit-box-shadow:4px 4px  
4px 4px #6BB078; box-shadow:4px 4px 4px  
4px #6BB078 }
```

# Background

The CSS property to change the background color of an element to Hex 6BB078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BB078 }
```

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

```
.background{ background-color:#6BB078 }
```

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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