

Converting Colors

Hex(6BB778)

Have a look what the booklet for
Hex(6BB778) contains.

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Color

Hex(6BB778)

Conversions

Conversions Part 1

Format	Color
Hex	6BB778
RGB	107, 183, 120
RGB Percent	42%, 72%, 47%
CMY	0.5804, 0.2824, 0.5294
CMYK	0.42, 0.00, 0.34, 0.28
HSL	130°, 35%, 57%
HSV	130°, 42%, 72%
XYZ	26.3871, 38.3488, 23.7806
YIQ	153.0940, -25.0730, -35.7050

Conversions

Conversions Part 2

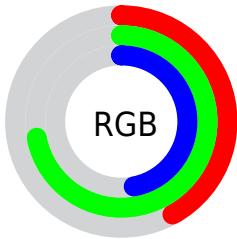
Format	Color
RYB	107, 172, 183
Decimal	7059320
CIELab	68.28, -37.09, 24.86
CIELCh	68, 44.647, 146.163
Yxy	38.3488, 0.2981, 0.4332
Android (android.graphics.Color)	4285249400 (0xFF6BB778)
YUV	153.0940, -16.3153, -40.4244
Hunter-Lab	61.9264, -32.3118, 20.5803

Details

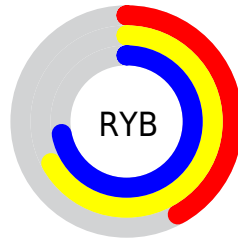
The Hex color **6BB778** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B76BAA**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **A2EFAD**, and **358147** is the 20% darker color. If you saturate the color by 10%, you get **59B769**, and if you desaturate by 10%, it is **7DB787**.

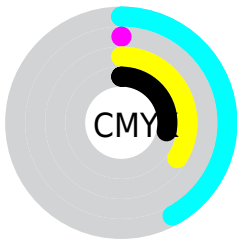
Distribution



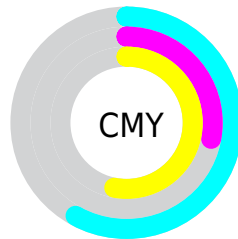
- Red (42%)
- Green (72%)
- Blue (47%)



- Red (42%)
- Yellow (67%)
- Blue (72%)



- Cyan (42%)
- Magenta (0%)
- Yellow (34%)
- Black (28%)



- Cyan (58%)
- Magenta (28%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BB778 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 6BB778 by changing the saturation by 10% instead.



6BB778



6BB778

FFFFFF



509C5F



A2EFAD



358147



BEFFC8



176830



DAFFE4



004F19



F7FFFF



003701



002300



000000



6BB778



6BB778



59B769



7DB787

 46B75A

 90B796

 34B74A

 A2B7A6

 22B73B

 B4B7B5

 0FB72C

 C7B7C4

 00B71F

 D9B7D3

 EBB7E2

 FDB7F1

 FFB7FF

Harmonies

Analogous

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



9CAF5C



6BB778



1EBBA0

Triad

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



6BB778



58ACF7



F38885

Complementary

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



6BB778



B76BAA

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.



EF86AD



6BB778



A29EEF

Square

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



6BB778



00B6E9



D48FD4



E39465

Rectangle

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



6BB778



00BBBC



D48FD4



F48692

Sweetspot

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



6BB778



D1EDD6



AAB76B



67786A



F7F7F7



787878

Same Dimension

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



6BB778



77ED8B



6BB79E



535C54



009C1B



001C05

Inverse Universe

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



B76BAA



ED77D9



B76B84



5C535A



9C0081



1C0017

Previews

White Background



This preview shows how the Hex color 6BB778 looks on a white background.

Color Contrast Check

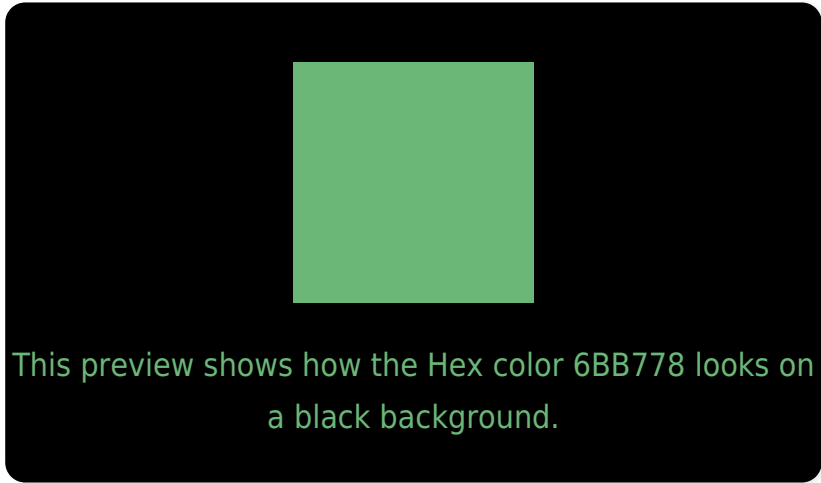
Large Text (above 18pt) WCAG AA × Fail

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

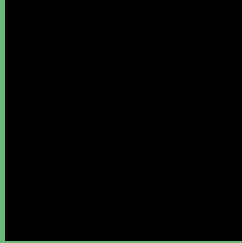
Any Text WCAG AA ✓ Pass

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 6BB778 Background



This preview shows how black text looks on a background with the Hex color 6BB778.

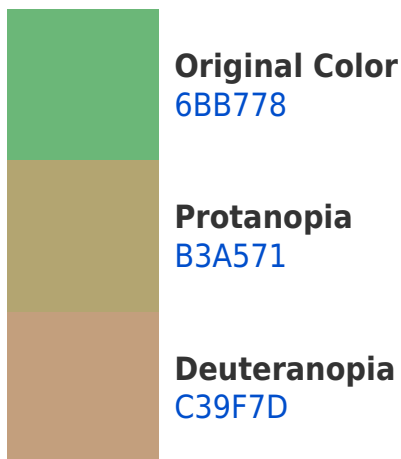


This preview shows how white text looks on a background with the Hex color 6BB778.

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
7AAFBD

Trichromacy



Original Color
6BB778



Protanomaly
99AC74



Deuteranomaly
A3A87B



Tritanomaly
75B2A4

Monochromacy



Original Color
6BB778



Achromatopsia
999999



Achromatomaly
88A48D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BB778 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 #6BB778 looks like.

```
.text, #text, p{  
    color:#6BB778  
}
```

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 #6BB778 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BB778
}
```

Border

The CSS property to change the border of an element to Hex 6BB778 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
#6BB778 }
```

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

```
.border{ border-color:#6BB778 }
```

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

Here you see how a box with a 4 pixel #6BB778 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BB778; -webkit-box-shadow:4px 4px  
4px 4px #6BB778; box-shadow:4px 4px 4px  
4px #6BB778 }
```

Background

The CSS property to change the background color of an element to Hex 6BB778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BB778 }
```

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

```
.background{ background-color:#6BB778 }
```

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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