

Converting Colors

Hex(6B966B)

Have a look what the booklet for
Hex(6B966B) contains.

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Color

Hex(6B966B)

Conversions

Conversions Part 1

Format	Color
Hex	6B966B
RGB	107, 150, 107
RGB Percent	42%, 59%, 42%
CMY	0.5804, 0.4118, 0.5804
CMYK	0.29, 0.00, 0.29, 0.41
HSL	120°, 17%, 50%
HSV	120°, 29%, 59%
XYZ	19.6236, 26.0000, 17.8942
YIQ	132.2410, -11.8250, -22.4890

Conversions

Conversions Part 2

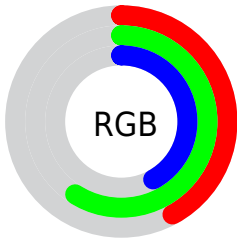
Format	Color
RYB	107, 150, 150
Decimal	7050859
CIELab	58.04, -23.61, 18.10
CIELCh	58, 29.748, 142.523
Yxy	26.0000, 0.3089, 0.4093
Android (android.graphics.Color)	4285240939 (0xFF6B966B)
YUV	132.2410, -12.4438, -22.1364
Hunter-Lab	50.9902, -20.5371, 14.8863

Details

The Hex color **6B966B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **966B96**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **9FCC9F**, and **3A633B** is the 20% darker color. If you saturate the color by 10%, you get **5C965C**, and if you desaturate by 10%, it is **7A967A**.

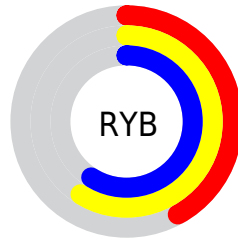
Distribution



Red (42%)

Green (59%)

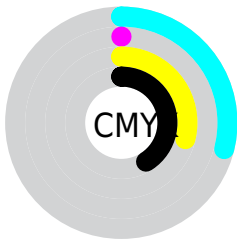
Blue (42%)



Red (42%)

Yellow (59%)

Blue (59%)

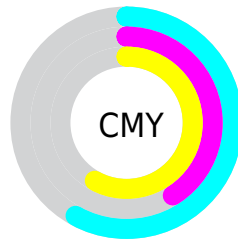


Cyan (29%)

Magenta (0%)

Yellow (29%)

Black (41%)



Cyan (58%)

Magenta (41%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B966B 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 6B966B by changing the saturation by 10% instead.



6B966B



6B966B

FFFFFF



527C53



9FCC9F



3A633B



BBE9BA



224B25



D7FFD5



093410



F3FFF2



002000



000000



6B966B



6B966B



5C965C



7A967A



4D964D



899689

■ 3E963E

■ 989698

■ 2F962F

■ A796A7

■ 209620

■ B696B6

■ 119611

■ C596C5

■ 029602

■ D496D4

■ 009600

■ E396E3

■ F296F2

Harmonies

Analogous

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



89905B



6B966B



4B9984

Triad

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



6B966B



5D90BF



BF7979

Complementary

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



6B966B



966B96

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.



BA7893



6B966B



8687BB

Square

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



6B966B



3796B4



A67EAB



B67F63

Rectangle

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



6B966B



379A96



A67EAB



BF7881

Sweetspot

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



6B966B



B0C2B0



96966B



566156



E0E0E0



616161

Same Dimension

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



6B966B



80C280



6B9681



434A43



008A00



000A00

Inverse Universe

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



966B96



C280C2



966B81



4A434A



8A008A



0A000A

Previews

White Background



This preview shows how the Hex color 6B966B looks on a white background.

Color Contrast Check

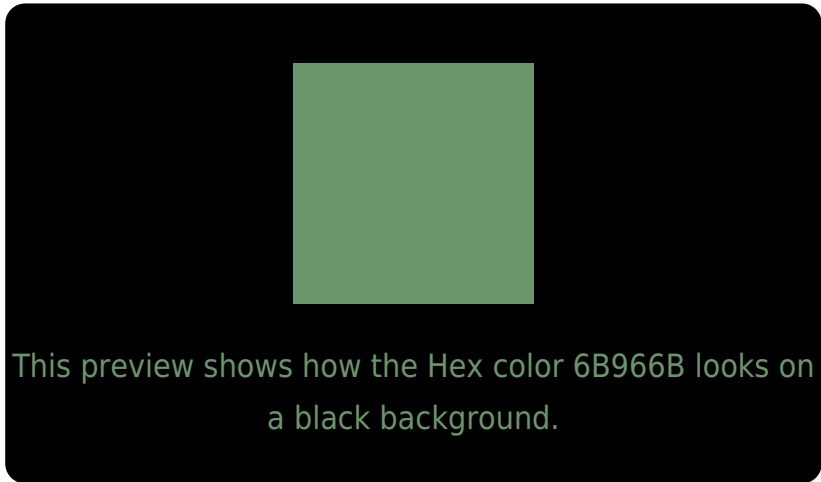
Large Text (above 18pt) WCAG AA ✓ Pass

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

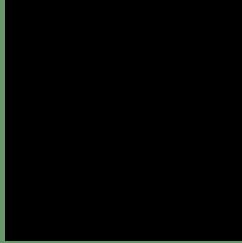
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 6B966B Background



This preview shows how black text looks on a background with the Hex color 6B966B.



This preview shows how white text looks on a background with the Hex color 6B966B.

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
74909B

Trichromacy



Original Color
6B966B

Protanomaly
868F68

Deuteranomaly
8E8B6E

Tritanomaly
71928A

Monochromacy



Original Color
6B966B

Achromatopsia
848484

Achromatomaly
7B8B7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B966B 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 #6B966B looks like.

```
.text, #text, p{  
    color:#6B966B  
}
```

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 #6B966B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B966B
}
```

Border

The CSS property to change the border of an element to Hex 6B966B 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
#6B966B }
```

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

```
.border{ border-color:#6B966B }
```

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

Here you see how a box with a 4 pixel #6B966B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B966B; -webkit-box-shadow:4px 4px  
4px 4px #6B966B; box-shadow:4px 4px 4px  
4px #6B966B }
```

Background

The CSS property to change the background color of an element to Hex 6B966B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B966B }
```

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

```
.background{ background-color:#6B966B }
```

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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