

Converting Colors

Hex(6B984B)

Have a look what the booklet for
Hex(6B984B) contains.

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Color

Hex(6B984B)

Conversions

Conversions Part 1

Format	Color
Hex	6B984B
RGB	107, 152, 75
RGB Percent	42%, 60%, 29%
CMY	0.5804, 0.4039, 0.7059
CMYK	0.30, 0.00, 0.51, 0.40
HSL	95°, 34%, 45%
HSV	95°, 51%, 60%
XYZ	18.5616, 26.0903, 10.7142
YIQ	129.7670, -2.1030, -33.4870

Conversions

Conversions Part 2

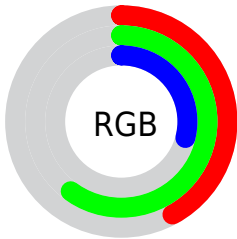
Format	Color
RYB	75, 152, 120
Decimal	7051339
CIELab	58.12, -29.41, 35.46
CIELCh	58, 46.069, 129.666
Yxy	26.0903, 0.3353, 0.4712
Android (android.graphics.Color)	4285241419 (0xFF6B984B)
YUV	129.7670, -27.0001, -19.9667
Hunter-Lab	51.0786, -24.5219, 23.3184

Details

The Hex color **6B984B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **784B98**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A0CF7E**, and **38651B** is the 20% darker color. If you saturate the color by 10%, you get **62983C**, and if you desaturate by 10%, it is **74985A**.

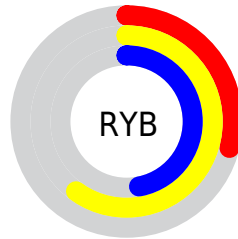
Distribution



Red (42%)

Green (60%)

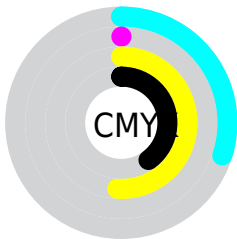
Blue (29%)



Red (29%)

Yellow (60%)

Blue (47%)

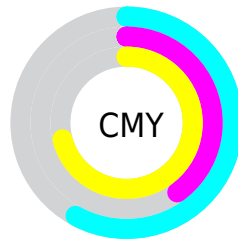


Cyan (30%)

Magenta (0%)

Yellow (51%)

Black (40%)



Cyan (58%)

Magenta (40%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B984B 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 6B984B by changing the saturation by 10% instead.

 6B984B

 6B984B

FFFFFF

 517E33

 A0CF7E

 38651B

 BCEB98

 1E4C01

 D8FFB3

 033500

 F5FFCF

 002100

 FFFFEB

 000000

 6B984B

 6B984B

 62983C

 74985A

 59982D

 7D9869

■ 50981D

■ 869879

■ 47980E

■ 8F9888

■ 3F9800

■ 979897

■ A098A6

■ A998B5

■ B298C5

■ BB98D4

Harmonies

Analogous

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



978E38



6B984B



2B9E6E

Triad

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



6B984B



0097D7



D76980

Complementary

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



6B984B



784B98

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.



C76EA9



6B984B



5D8CDB

Square

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



6B984B



009EBE



A07CCA



D1715A

Rectangle

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



6B984B



00A08A



A07CCA



D4698E

Sweetspot

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



6B984B



B3C4A7



98784B



596352



E3E3E3



636363

Same Dimension

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



6B984B



7EC44D



4B9851



484D45



3A8C00



050D00

Inverse Universe

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



784B98



934DC4



984B92



49454D



52008C



07000D

Previews

White Background



This preview shows how the Hex color 6B984B looks on a white background.

Color Contrast Check

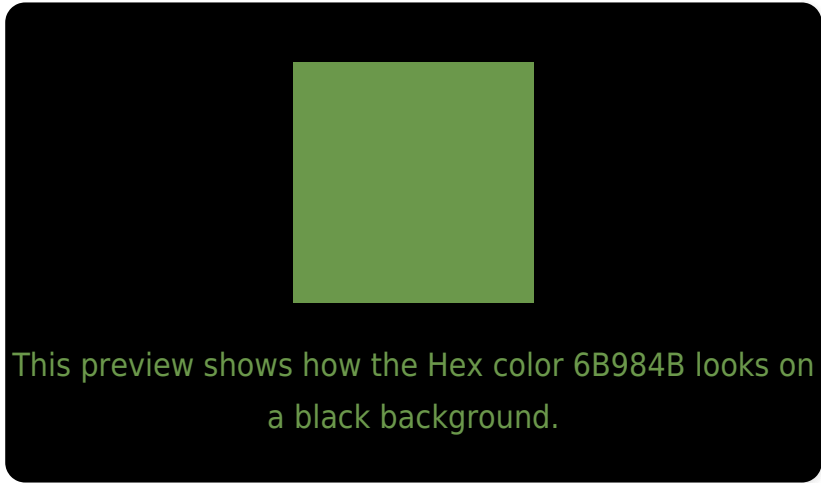
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B984B Background



This preview shows how black text looks on a background with the Hex color 6B984B.

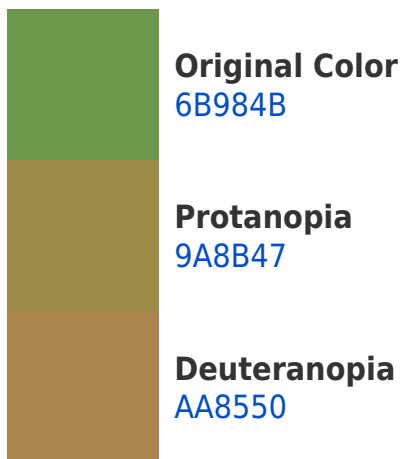


This preview shows how white text looks on a background with the Hex color 6B984B.

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



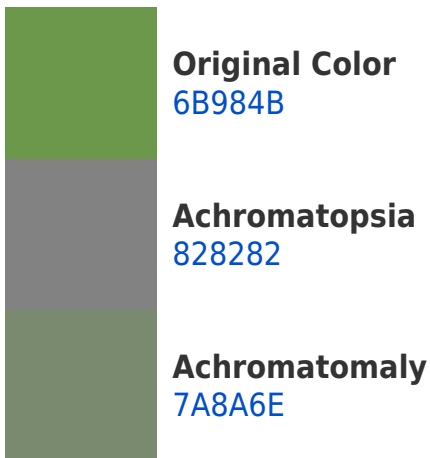


Tritanopia
778F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B984B 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 #6B984B looks like.

```
.text, #text, p{  
    color:#6B984B  
}
```

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 #6B984B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B984B
}
```

Border

The CSS property to change the border of an element to Hex 6B984B 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
#6B984B }
```

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

```
.border{ border-color:#6B984B }
```

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

Here you see how a box with a 4 pixel #6B984B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B984B; -webkit-box-shadow:4px 4px  
4px 4px #6B984B; box-shadow:4px 4px 4px  
4px #6B984B }
```

Background

The CSS property to change the background color of an element to Hex 6B984B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B984B }
```

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

```
.background{ background-color:#6B984B }
```

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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