

Converting Colors

Hex(6B9748)

Have a look what the booklet for
Hex(6B9748) contains.

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Color

Hex(6B9748)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 6B9748 |
| RGB | 107, 151, 72 |
| RGB Percent | 42%, 59%, 28% |
| CMY | 0.5804, 0.4078, 0.7176 |
| CMYK | 0.29, 0.00, 0.52, 0.41 |
| HSL | 93°, 35%, 44% |
| HSV | 93°, 52%, 59% |
| XYZ | 18.2997, 25.7269, 10.1322 |
| YIQ | 128.8380, -0.8650, -33.8970 |

Conversions

Conversions Part 2

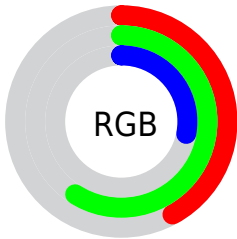
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 72, 151, 116 |
| Decimal | 7051080 |
| CIELab | 57.78, -29.29, 36.57 |
| CIELCh | 58, 46.852, 128.689 |
| Yxy | 25.7269, 0.3379, 0.4750 |
| Android (android.graphics.Color) | 4285241160 (0xFF6B9748) |
| YUV | 128.8380, -28.0211, -19.1519 |
| Hunter-Lab | 50.7217, -24.3625, 23.6614 |

Details

The Hex color **6B9748** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **744897**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **A0CE7A**, and **386417** is the 20% darker color. If you saturate the color by 10%, you get **639739**, and if you desaturate by 10%, it is **739757**.

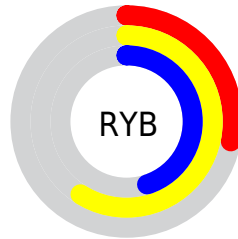
Distribution



Red (42%)

Green (59%)

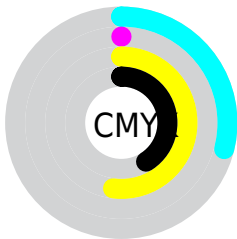
Blue (28%)



Red (28%)

Yellow (59%)

Blue (45%)

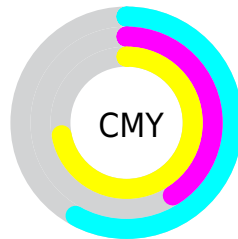


Cyan (29%)

Magenta (0%)

Yellow (52%)

Black (41%)



Cyan (58%)

Magenta (41%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B9748 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 6B9748 by changing the saturation by 10% instead.



6B9748



6B9748

FFFFFF



517D30



A0CE7A



386417



BCEA95



1E4B00



D8FFB0



033400



F5FFCC



002100



FFFFE8



000000



6B9748



6B9748



639739



739757



5A972A



7C9766

■ 52971B

■ 849775

■ 49970C

■ 8D9784

■ 439700

■ 959794

■ 9D97A3

■ A697B2

■ AE97C1

■ B797D0

Harmonies

Analogous

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



978C36



6B9748



299D6C

Triad

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



6B9748



0097D7



D76780

Complementary

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



6B9748



744897

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.



C66CA9



6B9748



588BDC

Square

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



6B9748



009EBD



9D7BCB



D16F5A

Rectangle

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



6B9748



009F88



9D7BCB



D4678E

Sweetspot

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



6B9748



B3C4A5



977348



596351



E3E3E3



636363

Same Dimension

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



6B9748



7FC449



48974C



484D45



3E8C00



060D00

Inverse Universe

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



744897



8E49C4



974893



49454D



4E008C



07000D

Previews

White Background



This preview shows how the Hex color 6B9748 looks on a white background.

Color Contrast Check

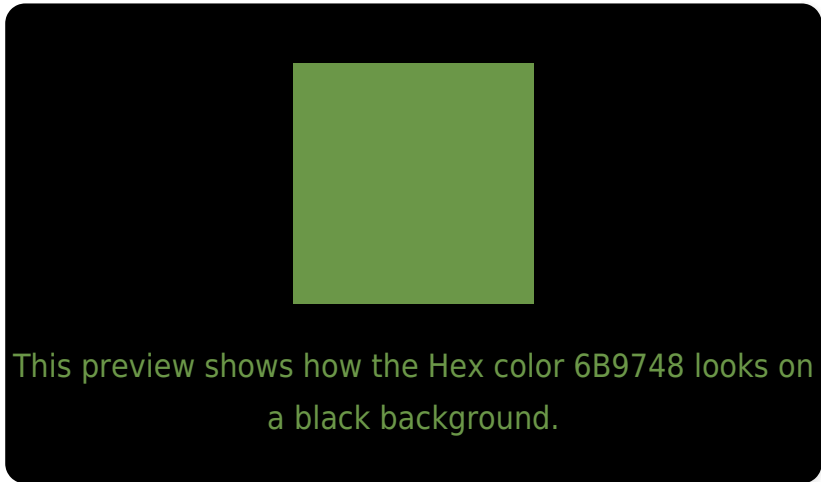
Large Text (above 18pt) WCAG AA ✓ Pass

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

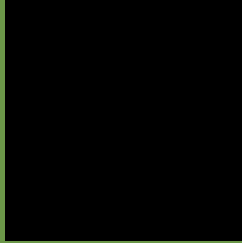
Any Text WCAG AA ✓ Pass

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 6B9748 Background



This preview shows how black text looks on a background with the Hex color 6B9748.



This preview shows how white text looks on a background with the Hex color 6B9748.

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
778E9A

Trichromacy



Original Color
6B9748

Protanomaly
888F45

Deuteranomaly
928B4B

Tritanomaly
73917C

Monochromacy



Original Color
6B9748

Achromatopsia
818181

Achromatomaly
79896C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B9748 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 #6B9748 looks like.

```
.text, #text, p{  
    color:#6B9748  
}
```

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 #6B9748 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B9748
}
```

Border

The CSS property to change the border of an element to Hex 6B9748 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
#6B9748 }
```

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

```
.border{ border-color:#6B9748 }
```

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

Here you see how a box with a 4 pixel #6B9748 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B9748; -webkit-box-shadow:4px 4px  
4px 4px #6B9748; box-shadow:4px 4px 4px  
4px #6B9748 }
```

Background

The CSS property to change the background color of an element to Hex 6B9748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B9748 }
```

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

```
.background{ background-color:#6B9748 }
```

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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