

Converting Colors

Hex(6A8A49)

Have a look what the booklet for
Hex(6A8A49) contains.

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Color

Hex(6A8A49)

Conversions

Conversions Part 1

Format	Color
Hex	6A8A49
RGB	106, 138, 73
RGB Percent	42%, 54%, 29%
CMY	0.5843, 0.4588, 0.7137
CMYK	0.23, 0.00, 0.47, 0.46
HSL	90°, 31%, 41%
HSV	90°, 47%, 54%
XYZ	16.2349, 21.7222, 9.6405
YIQ	121.0220, 1.7930, -26.9990

Conversions

Conversions Part 2

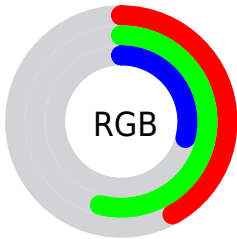
Format	Color
RYB	73, 138, 105
Decimal	6982217
CIELab	53.73, -23.14, 31.09
CIElCh	54, 38.754, 126.667
Yxy	21.7222, 0.3411, 0.4564
Android (android.graphics.Color)	4285172297 (0xFF6A8A49)
YUV	121.0220, -23.6748, -13.1743
Hunter-Lab	46.6070, -19.3843, 20.3611

Details

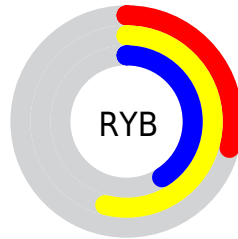
The Hex color **6A8A49** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **69498A**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **9FC07B**, and **38581A** is the 20% darker color. If you saturate the color by 10%, you get **638A3B**, and if you desaturate by 10%, it is **718A57**.

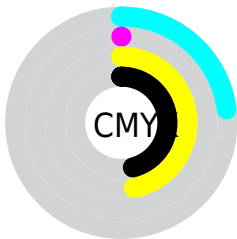
Distribution



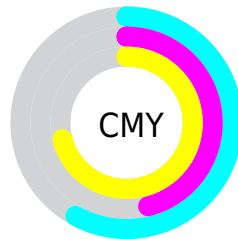
- Red (42%)
- Green (54%)
- Blue (29%)



- Red (29%)
- Yellow (54%)
- Blue (41%)



- Cyan (23%)
- Magenta (0%)
- Yellow (47%)
- Black (46%)



- Cyan (58%)
- Magenta (46%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A8A49 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 6A8A49 by changing the saturation by 10% instead.



6A8A49



6A8A49

FFFFFF



517031



9FC07B



38581A



BADC95



214001



D6F8B0



092A00



F3FFCC



001500



FFFFE8



000000



6A8A49



6A8A49



638A3B



718A57



5C8A2D



788A65

 568A20

 7E8A72

 4F8A12

 858A80

 488A04

 8C8A8E

 468A00

 938A9C

 9A8AAA

 A08AB7

 A78AC5

Harmonies

Analogous

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



8E813C



6A8A49



3D9065

Triad

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



6A8A49



008BBD



BF657A

Complementary

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



6A8A49



69498A

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.



B0699C



6A8A49



5781C3

Square

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



6A8A49



0090A7



8D75B6



BC6A5A

Rectangle

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



6A8A49



00917B



8D75B6



BC6586

Sweetspot

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



6A8A49



A6B39A



8A6849



52594A



D9D9D9



595959

Same Dimension

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



6A8A49



80B34D



4A8A49



41453E



438500



030500

Inverse Universe

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



69498A



7F4DB3



89498A



413E45



410085



030005

Previews

White Background



This preview shows how the Hex color 6A8A49 looks on a white background.

Color Contrast Check

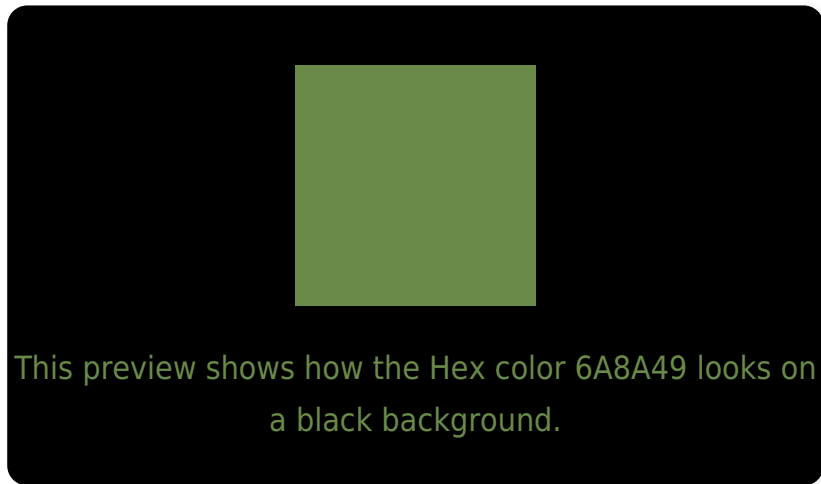
Large Text (above 18pt) WCAG AA ✓ Pass

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

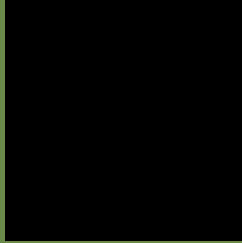
Any Text WCAG AA ✓ Pass

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 6A8A49 Background



This preview shows how black text looks on a background with the Hex color 6A8A49.



This preview shows how white text looks on a background with the Hex color 6A8A49.

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](#).

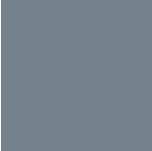
Dichromacy



Original Color
6A8A49

Protanopia
8D8046

Deuteranopia
9B7A4D



Tritanopia
74828D

Trichromacy



Original Color
6A8A49

Protanomaly
808447

Deuteranomaly
89804C

Tritanomaly
708574

Monochromacy



Original Color
6A8A49

Achromatopsia
797979

Achromatomaly
747F68

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A8A49 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 #6A8A49 looks like.

```
.text, #text, p{  
    color:#6A8A49  
}
```

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 #6A8A49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A8A49
}
```

Border

The CSS property to change the border of an element to Hex 6A8A49 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
#6A8A49 }
```

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

```
.border{ border-color:#6A8A49 }
```

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

Here you see how a box with a 4 pixel #6A8A49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A8A49; -webkit-box-shadow:4px 4px  
4px 4px #6A8A49; box-shadow:4px 4px 4px  
4px #6A8A49 }
```

Background

The CSS property to change the background color of an element to Hex 6A8A49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A8A49 }
```

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

```
.background{ background-color:#6A8A49 }
```

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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