

Converting Colors

Hex(6A9947)

Have a look what the booklet for
Hex(6A9947) contains.

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Color

Hex(6A9947)

Conversions

Conversions Part 1

Format	Color
Hex	6A9947
RGB	106, 153, 71
RGB Percent	42%, 60%, 28%
CMY	0.5843, 0.4000, 0.7216
CMYK	0.31, 0.00, 0.54, 0.40
HSL	94°, 37%, 44%
HSV	94°, 54%, 60%
XYZ	18.4724, 26.3016, 10.0643
YIQ	129.5990, -1.6900, -35.4660

Conversions

Conversions Part 2

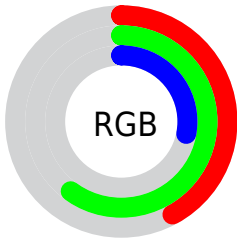
Format	Color
RYB	71, 153, 118
Decimal	6986055
CIELab	58.32, -30.73, 37.71
CIELCh	58, 48.649, 129.176
Yxy	26.3016, 0.3369, 0.4796
Android (android.graphics.Color)	4285176135 (0xFF6A9947)
YUV	129.5990, -28.8893, -20.6963
Hunter-Lab	51.2851, -25.4547, 24.2643

Details

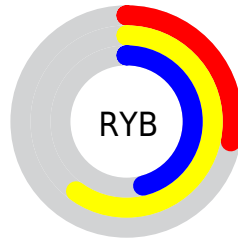
The Hex color **6A9947** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **764799**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A0D07A**, and **376616** is the 20% darker color. If you saturate the color by 10%, you get **619938**, and if you desaturate by 10%, it is **739956**.

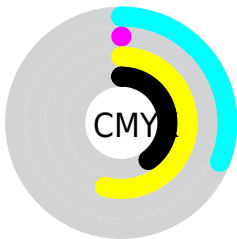
Distribution



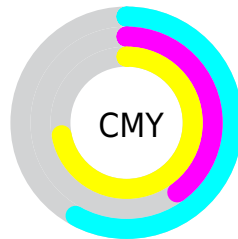
- Red (42%)
- Green (60%)
- Blue (28%)



- Red (28%)
- Yellow (60%)
- Blue (46%)



- Cyan (31%)
- Magenta (0%)
- Yellow (54%)
- Black (40%)



- Cyan (58%)
- Magenta (40%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A9947 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 6A9947 by changing the saturation by 10% instead.



6A9947



6A9947

FFFFFF



507F2F



A0D07A



376616



BBEC94



1C4D00



D8FFAF



003600



F5FFCB



002200



FFFFE7



000000



6A9947



6A9947



619938



739956



589928



7C9966

■ 509919

■ 849975

■ 47990A

■ 8D9984

■ 419900

■ 969993

■ 9F99A3

■ A799B2

■ B099C1

■ B999D1

Harmonies

Analogous

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



988E33



6A9947



219F6C

Triad

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



6A9947



0099DB



DB6781

Complementary

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



6A9947



764799

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.



CA6CAB



6A9947



578CE0

Square

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



6A9947



00A0C1



A07CCF



D56F59

Rectangle

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



6A9947



00A18A



A07CCF



D8678F

Sweetspot

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



6A9947



B5C7A7



997547



596351



E3E3E3



636363

Same Dimension

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



6A9947



7EC748



47994C



484D45



3C8C00



050D00

Inverse Universe

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



764799



9148C7



994794



49454D



50008C



07000D

Previews

White Background



This preview shows how the Hex color 6A9947 looks on a white background.

Color Contrast Check

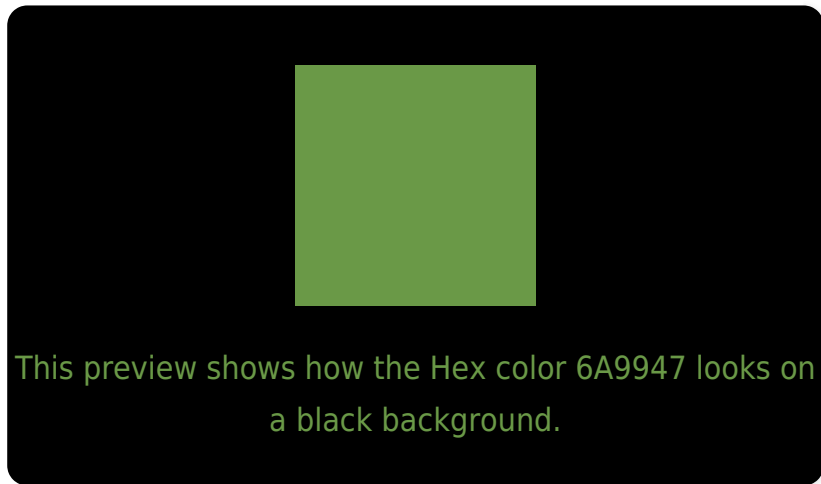
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A9947 Background



This preview shows how black text looks on a background with the Hex color 6A9947.

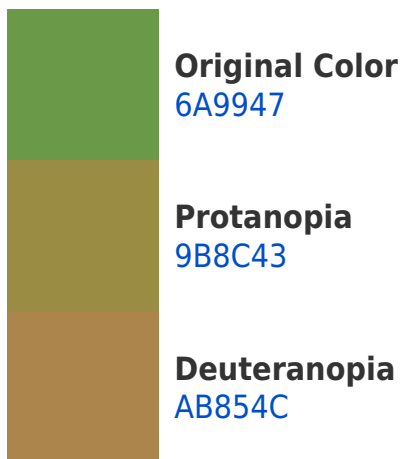


This preview shows how white text looks on a background with the Hex color 6A9947.

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
77909B

Trichromacy



Original Color
6A9947

Protanomaly
899144

Deuteranomaly
938C4A

Tritanomaly
72937C

Monochromacy



Original Color
6A9947

Achromatopsia
828282

Achromatomaly
798A6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A9947 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 #6A9947 looks like.

```
.text, #text, p{  
    color:#6A9947  
}
```

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 #6A9947 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A9947
}
```

Border

The CSS property to change the border of an element to Hex 6A9947 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
#6A9947 }
```

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

```
.border{ border-color:#6A9947 }
```

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

Here you see how a box with a 4 pixel #6A9947 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A9947; -webkit-box-shadow:4px 4px  
4px 4px #6A9947; box-shadow:4px 4px 4px  
4px #6A9947 }
```

Background

The CSS property to change the background color of an element to Hex 6A9947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A9947 }
```

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

```
.background{ background-color:#6A9947 }
```

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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