

Converting Colors

Hex(6A9845)

Have a look what the booklet for
Hex(6A9845) contains.

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Color

Hex(6A9845)

Conversions

Conversions Part 1

Format	Color
Hex	6A9845
RGB	106, 152, 69
RGB Percent	42%, 60%, 27%
CMY	0.5843, 0.4039, 0.7294
CMYK	0.30, 0.00, 0.55, 0.40
HSL	93°, 38%, 43%
HSV	93°, 55%, 60%
XYZ	18.2463, 25.9503, 9.6775
YIQ	128.7840, -0.7730, -35.5650

Conversions

Conversions Part 2

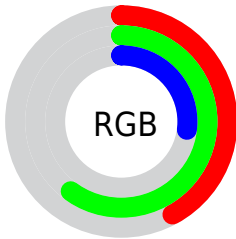
Format	Color
RYB	69, 152, 115
Decimal	6985797
CIELab	57.99, -30.49, 38.31
CIElCh	58, 48.963, 128.509
Yxy	25.9503, 0.3387, 0.4817
Android (android.graphics.Color)	4285175877 (0xFF6A9845)
YUV	128.7840, -29.4735, -19.9816
Hunter-Lab	50.9415, -25.2122, 24.3956

Details

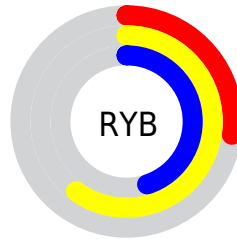
The Hex color **6A9845** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **734598**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **A0CF78**, and **376513** is the 20% darker color. If you saturate the color by 10%, you get **629836**, and if you desaturate by 10%, it is **729854**.

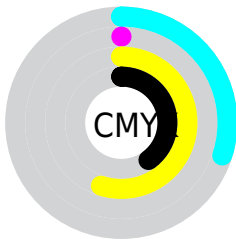
Distribution



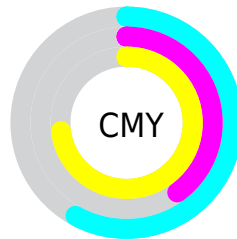
- Red (42%)
- Green (60%)
- Blue (27%)



- Red (27%)
- Yellow (60%)
- Blue (45%)



- Cyan (30%)
- Magenta (0%)
- Yellow (55%)
- Black (40%)



- Cyan (58%)
- Magenta (40%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A9845 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 6A9845 by changing the saturation by 10% instead.

 6A9845

 6A9845

FFFFFF

 507E2D

 A0CF78

 376513

 BBEB92

 1D4C00

 D8FFAD

 003500

 F5FFC9

 002200

 FFFFEE

 000000

 6A9845

 6A9845

 629836

 729854

 599827

 7B9863

■ 519817

■ 839873

■ 489808

■ 8C9882

■ 449800

■ 949891

■ 9D98A0

■ A598AF

■ AD98BF

■ B698CE

Harmonies

Analogous

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



988D31



6A9845



219E6A

Triad

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



6A9845



0098DB



DA6581

Complementary

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



6A9845



734598

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.



C96BAC



6A9845



538CE0

Square

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



6A9845



009FC0



9E7BCF



D56E58

Rectangle

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



6A9845



00A088



9E7BCF



D7668F

Sweetspot

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



6A9845



B3C4A5



987345



596351



E3E3E3



636363

Same Dimension

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



6A9845



7DC443



459849



484D45



3F8C00



060D00

Inverse Universe

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



734598



8B43C4



984594



49454D



4E008C



07000D

Previews

White Background



This preview shows how the Hex color 6A9845 looks on a white background.

Color Contrast Check

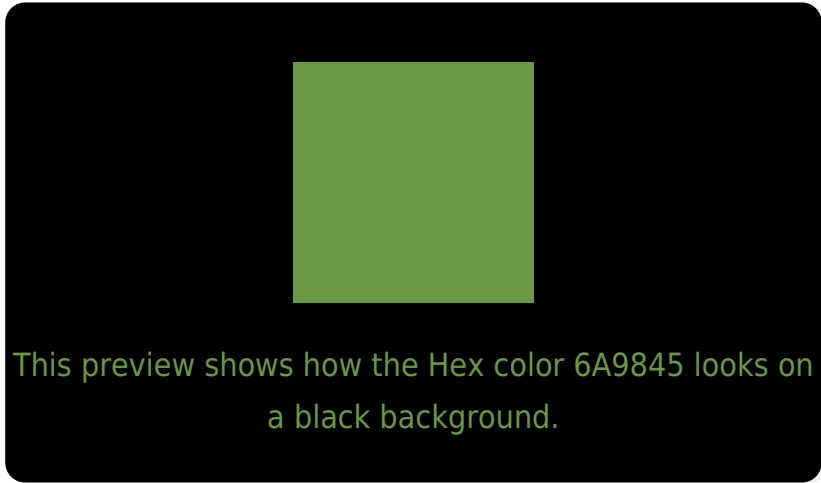
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A9845 Background



This preview shows how black text looks on a background with the Hex color 6A9845.

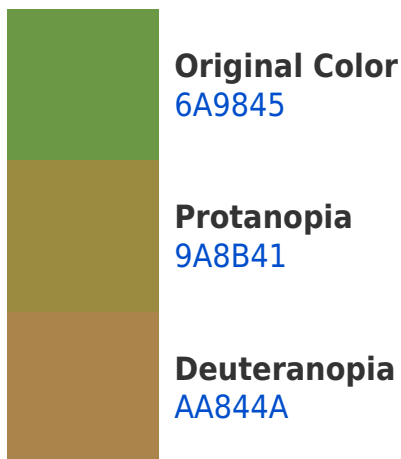


This preview shows how white text looks on a background with the Hex color 6A9845.

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



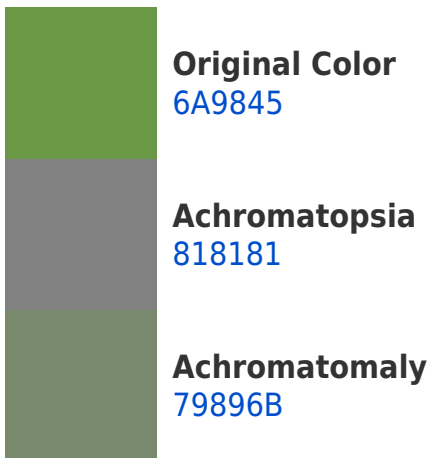


Tritanopia
778F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A9845 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 #6A9845 looks like.

```
.text, #text, p{  
    color:#6A9845  
}
```

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 #6A9845 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A9845
}
```

Border

The CSS property to change the border of an element to Hex 6A9845 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
#6A9845 }
```

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

```
.border{ border-color:#6A9845 }
```

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

Here you see how a box with a 4 pixel #6A9845 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A9845; -webkit-box-shadow:4px 4px  
4px 4px #6A9845; box-shadow:4px 4px 4px  
4px #6A9845 }
```

Background

The CSS property to change the background color of an element to Hex 6A9845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A9845 }
```

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

```
.background{ background-color:#6A9845 }
```

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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