

Converting Colors

Hex(6C9950)

Have a look what the booklet for
Hex(6C9950) contains.

Hex(6C9950)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6C9950)

Conversions

Conversions Part 1

Format	Color
Hex	6C9950
RGB	108, 153, 80
RGB Percent	42%, 60%, 31%
CMY	0.5765, 0.4000, 0.6863
CMYK	0.29, 0.00, 0.48, 0.40
HSL	97°, 31%, 46%
HSV	97°, 48%, 60%
XYZ	19.0235, 26.5498, 11.7114
YIQ	131.2230, -3.3870, -32.2430

Conversions

Conversions Part 2

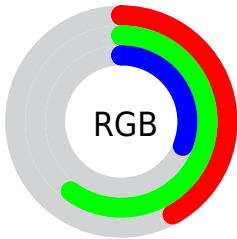
Format	Color
RYB	80, 153, 125
Decimal	7117136
CIELab	58.56, -28.88, 33.43
CIELCh	59, 44.180, 130.829
Yxy	26.5498, 0.3321, 0.4635
Android (android.graphics.Color)	4285307216 (0xFF6C9950)
YUV	131.2230, -25.2529, -20.3666
Hunter-Lab	51.5265, -24.2693, 22.5926

Details

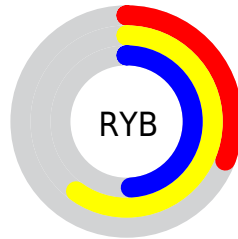
The Hex color **6C9950** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7D5099**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **A1D083**, and **396620** is the 20% darker color. If you saturate the color by 10%, you get **639941**, and if you desaturate by 10%, it is **75995F**.

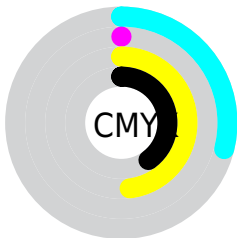
Distribution



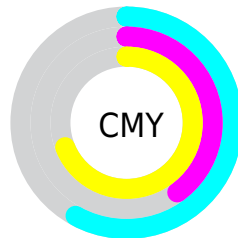
- Red (42%)
- Green (60%)
- Blue (31%)



- Red (31%)
- Yellow (60%)
- Blue (49%)



- Cyan (29%)
- Magenta (0%)
- Yellow (48%)
- Black (40%)



- Cyan (58%)
- Magenta (40%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C9950 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 6C9950 by changing the saturation by 10% instead.



6C9950



6C9950

FFFFFF



527F38



A1D083



396620



BDEC9D



204D07



D9FFB8



073600



F6FFD4



002200



FFFFFF1



000000



6C9950



6C9950



639941



75995F



599931



7F996F

■ 509922

■ 88997E

■ 469913

■ 92998D

■ 3D9904

■ 9B999D

■ 3B9900

■ A599AC

■ AE99BB

■ B799CA

■ C199DA

Harmonies

Analogous

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



968F3E



6C9950



309F72

Triad

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



6C9950



0098D5



D66C80

Complementary

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



6C9950



7D5099

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.



C770A7



6C9950



658CD9

Square

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



6C9950



009EBE



A27DC8



CF745C

Rectangle

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



6C9950



00A08D



A27DC8



D36C8D

Sweetspot

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



6C9950



B6C7AB



997C50



596353



E3E3E3



636363

Same Dimension

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



6C9950



81C756



509957



484D45



368C00



050D00

Inverse Universe

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



7D5099



9B56C7



995092



4A454D



56008C



08000D

Previews

White Background



This preview shows how the Hex color 6C9950 looks on a white background.

Color Contrast Check

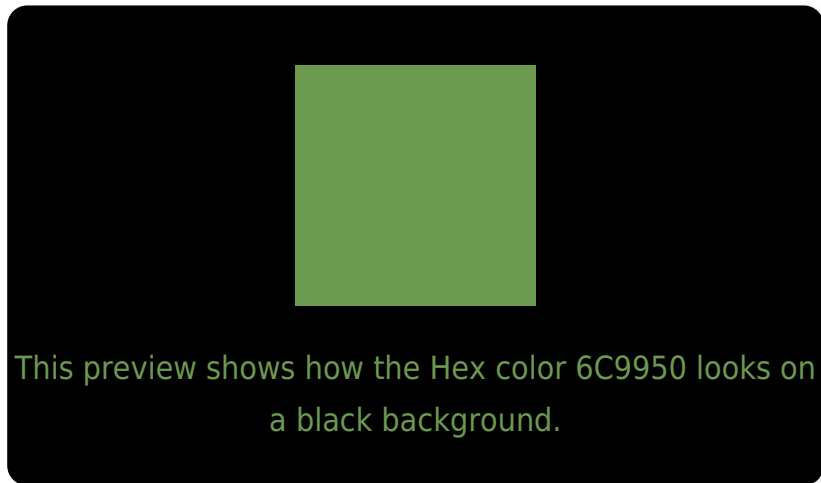
Large Text (above 18pt) WCAG AA ✓ Pass

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

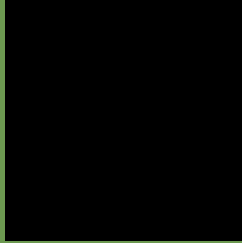
Any Text WCAG AA ✓ Pass

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 6C9950 Background



This preview shows how black text looks on a background with the Hex color 6C9950.

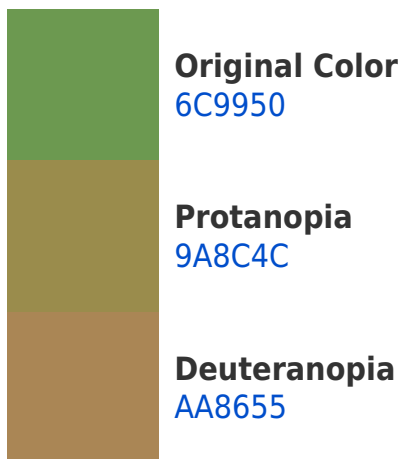


This preview shows how white text looks on a background with the Hex color 6C9950.

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](#).

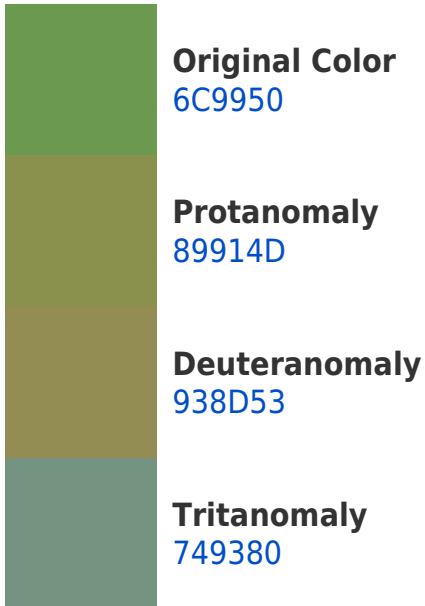
Dichromacy



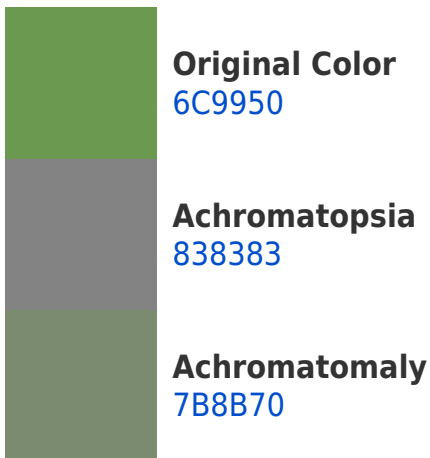


Tritanopia
78909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6C9950 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 #6C9950 looks like.

```
.text, #text, p{  
    color:#6C9950  
}
```

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 #6C9950 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C9950
}
```

Border

The CSS property to change the border of an element to Hex 6C9950 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
#6C9950 }
```

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

```
.border{ border-color:#6C9950 }
```

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

Here you see how a box with a 4 pixel #6C9950 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C9950; -webkit-box-shadow:4px 4px  
4px 4px #6C9950; box-shadow:4px 4px 4px  
4px #6C9950 }
```

Background

The CSS property to change the background color of an element to Hex 6C9950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C9950 }
```

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

```
.background{ background-color:#6C9950 }
```

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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