

Converting Colors

Hex(6C9931)

Have a look what the booklet for
Hex(6C9931) contains.

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Color

Hex(6C9931)

Conversions

Conversions Part 1

Format	Color
Hex	6C9931
RGB	108, 153, 49
RGB Percent	42%, 60%, 19%
CMY	0.5765, 0.4000, 0.8078
CMYK	0.29, 0.00, 0.68, 0.40
HSL	86°, 51%, 40%
HSV	86°, 68%, 60%
XYZ	18.1300, 26.1924, 7.0058
YIQ	127.6890, 6.5640, -41.8840

Conversions

Conversions Part 2

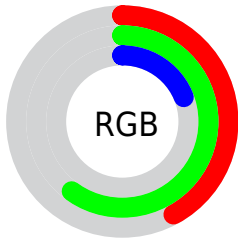
Format	Color
RYB	49, 153, 94
Decimal	7117105
CIELab	58.22, -32.09, 47.82
CIELCh	58, 57.590, 123.862
Yxy	26.1924, 0.3532, 0.5103
Android (android.graphics.Color)	4285307185 (0xFF6C9931)
YUV	127.6890, -38.7937, -17.2673
Hunter-Lab	51.1785, -26.3288, 27.7087

Details

The Hex color **6C9931** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5E3199**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **A2D065**, and **376600** is the 20% darker color. If you saturate the color by 10%, you get **659922**, and if you desaturate by 10%, it is **739940**.

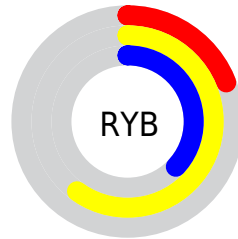
Distribution



Red (42%)

Green (60%)

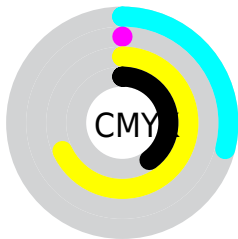
Blue (19%)



Red (19%)

Yellow (60%)

Blue (37%)

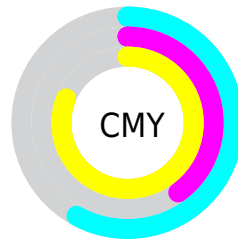


Cyan (29%)

Magenta (0%)

Yellow (68%)

Black (40%)



Cyan (58%)

Magenta (40%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C9931 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 6C9931 by changing the saturation by 10% instead.

 6C9931

 6C9931

FFFFFF

 527F15

 A2D065

 376600

 BFEC7F

 1E4D00

 DBFF9A

 003600

 F8FFB6

 002200

 FFFFD2

 000000

 FFFFEF

 6C9931

 6C9931

 659922

 739940

■ 5F9912

■ 799950

■ 589903

■ 80995F

■ 579900

■ 86996E

■ 8D997E

■ 94998D

■ 9A999C

■ A199AB

■ A899BB

Harmonies

Analogous

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



A08C1A



6C9931



00A15D

Triad

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



6C9931



009DE6



E65C87

Complementary

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



6C9931



5E3199

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.



CE66B9



6C9931



0490F1

Square

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



6C9931



00A3C3



967CE0



E26557

Rectangle

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



6C9931



00A380



967CE0



E15D99

Sweetspot

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



6C9931



B6C79F



995C31



59634C



E3E3E3



636363

Same Dimension

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



6C9931



80C724



3A9931



494D45



508C00



070D00

Inverse Universe

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



5E3199



6A24C7



903199



48454D



3D008C



06000D

Previews

White Background



This preview shows how the Hex color 6C9931 looks on a white background.

Color Contrast Check

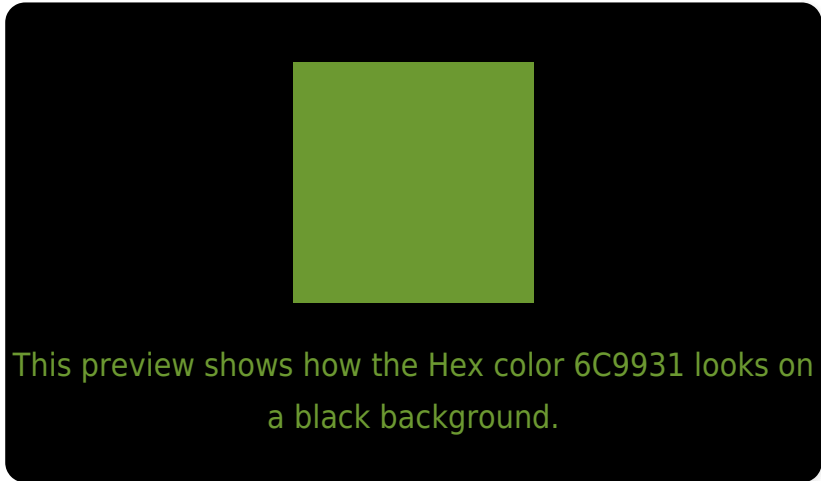
Large Text (above 18pt) WCAG AA ✓ Pass

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 6C9931 Background



This preview shows how black text looks on a background with the Hex color 6C9931.

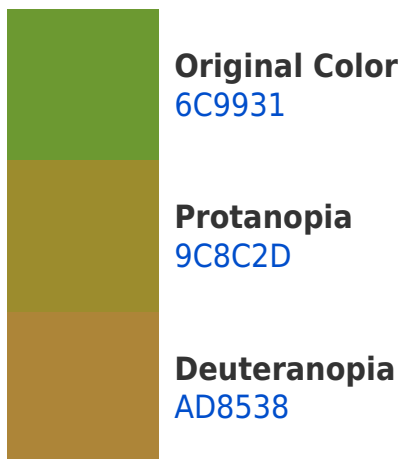


This preview shows how white text looks on a background with the Hex color 6C9931.

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](#).

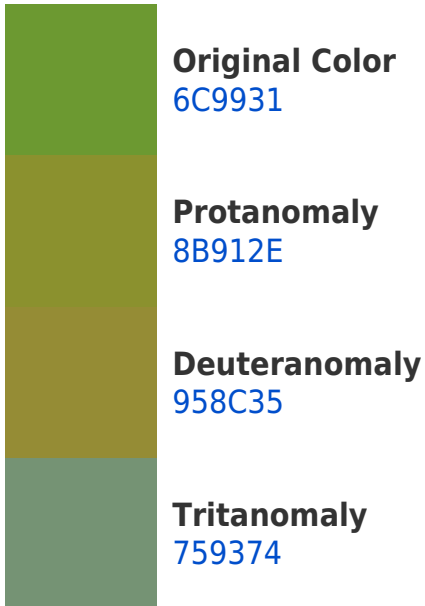
Dichromacy



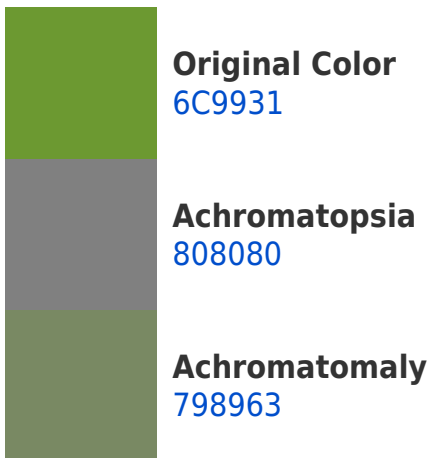


Tritanopia
7A8F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6C9931 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 #6C9931 looks like.

```
.text, #text, p{  
    color:#6C9931  
}
```

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 #6C9931 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C9931
}
```

Border

The CSS property to change the border of an element to Hex 6C9931 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
#6C9931 }
```

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

```
.border{ border-color:#6C9931 }
```

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

Here you see how a box with a 4 pixel #6C9931 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C9931; -webkit-box-shadow:4px 4px  
4px 4px #6C9931; box-shadow:4px 4px 4px  
4px #6C9931 }
```

Background

The CSS property to change the background color of an element to Hex 6C9931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C9931 }
```

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

```
.background{ background-color:#6C9931 }
```

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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