

# Converting Colors

Hex(6C831A)

Have a look what the booklet for  
Hex(6C831A) contains.

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**Color**

**Hex(6C831A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C831A
RGB	108, 131, 26
RGB Percent	42%, 51%, 10%
CMY	0.5765, 0.4863, 0.8980
CMYK	0.18, 0.00, 0.80, 0.49
HSL	73°, 67%, 31%
HSV	73°, 80%, 51%
XYZ	14.4871, 19.4953, 3.9767
YIQ	112.1530, 19.9970, -37.5310

# Conversions

## Conversions Part 2

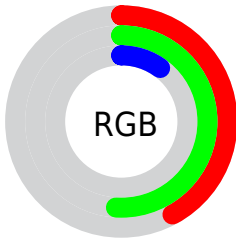
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 131, 49
Decimal	7111450
CIE <sub>Lab</sub>	51.26, -22.84, 49.61
CIE <sub>LCh</sub>	51, 54.615, 114.716
Yxy	19.4953, 0.3816, 0.5136
Android (android.graphics.Color)	4285301530 (0xFF6C831A)
YUV	112.1530, -42.4734, -3.6422
Hunter-Lab	44.1535, -18.7015, 25.5675

# Details

The Hex color **6C831A** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **311A83**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A2B850**, and **395200** is the 20% darker color. If you saturate the color by 10%, you get **69830D**, and if you desaturate by 10%, it is **6F8327**.

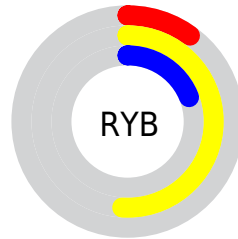
# Distribution



Red (42%)

Green (51%)

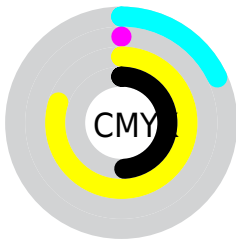
Blue (10%)



Red (10%)

Yellow (51%)

Blue (19%)

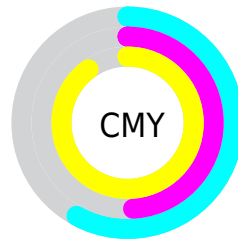


Cyan (18%)

Magenta (0%)

Yellow (80%)

Black (49%)



Cyan (58%)

Magenta (49%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C831A 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 6C831A by changing the saturation by 10% instead.



 6C831A

 6C831A

FFFFFF

 526A00

 A2B850

 395200

 BED46A

 1F3A00

 DBF084

 012500

 F8FF9F

 000900

 FFFFBB

 000000

 FFFFD7

 FFFFF4

 6C831A

 6C831A

■ 69830D

■ 6F8327

■ 668300

■ 728334

■ 758341

■ 77834E

■ 7A835B

■ 7D8369

■ 808376

■ 838383

■ 868390

# Harmonies

## Analogous

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



99750F



6C831A



2A8C41

# Triad

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



6C831A



008CC6



C94D84

# Complementary

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



6C831A



311A83

# 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.



AB5CB1



6C831A



0082D7

# Square

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



6C831A



0090A0



6B71CF



CD5156

# Rectangle

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



6C831A



008F60



6B71CF



C25194



# Sweetspot

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



6C831A



A2AB82



83311A



51573E



D6D6D6



575757



# Same Dimension

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



6C831A



87AB07



38831A



41423C



668200



020300



# Inverse Universe

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



311A83



2B07AB



651A83



3D3C42



1C0082



010003



# Previews

## White Background



This preview shows how the Hex color 6C831A looks on a white background.

## Color Contrast Check

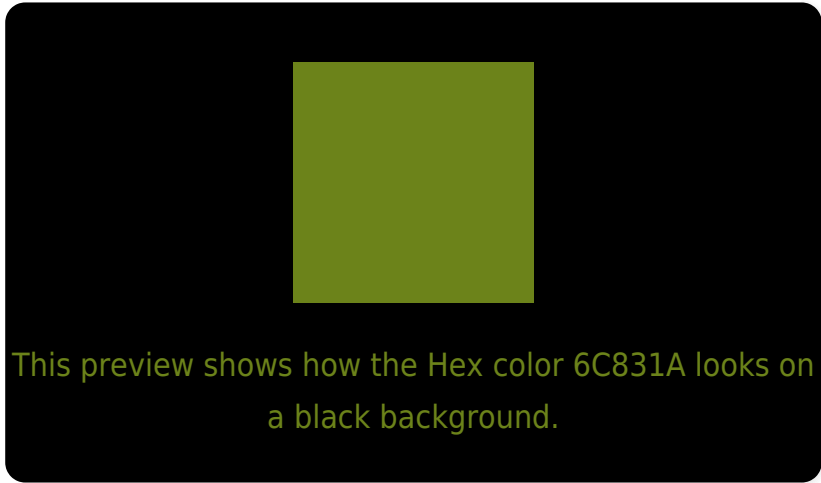
Large Text (above 18pt) WCAG AA ✓ Pass

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 6C831A Background



This preview shows how black text looks on a background with the Hex color 6C831A.



This preview shows how white text looks on a background with the Hex color 6C831A.

# 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**  
6C831A

**Protanopia**  
897A18

**Deuteranopia**  
997422



**Tritanopia**  
767A84

# Trichromacy



**Original Color**  
6C831A

**Protanomaly**  
7E7D19

**Deuteranomaly**  
89791F

**Tritanomaly**  
727D5D

# Monochromacy



**Original Color**  
6C831A

**Achromatopsia**  
707070

**Achromatomaly**  
6F7751

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C831A 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 #6C831A looks like.

```
.text, #text, p{  
    color:#6C831A  
}
```

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 #6C831A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C831A
}
```

## Border

The CSS property to change the border of an element to Hex 6C831A 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
#6C831A }
```

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

```
.border{ border-color:#6C831A }
```

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

Here you see how a box with a 4 pixel #6C831A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C831A; -webkit-box-shadow:4px 4px  
4px 4px #6C831A; box-shadow:4px 4px 4px  
4px #6C831A }
```

# Background

The CSS property to change the background color of an element to Hex 6C831A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C831A }
```

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

```
.background{ background-color:#6C831A }
```

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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