

# Converting Colors

Hex(81690B)

Have a look what the booklet for  
Hex(81690B) contains.

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**Color**

**Hex(81690B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81690B
RGB	129, 105, 11
RGB Percent	51%, 41%, 4%
CMY	0.4941, 0.5882, 0.9569
CMYK	0.00, 0.19, 0.91, 0.49
HSL	48°, 84%, 27%
HSV	48°, 91%, 51%
XYZ	14.1652, 14.7944, 2.4256
YIQ	101.4600, 44.4780, -24.1460

# Conversions

## Conversions Part 2

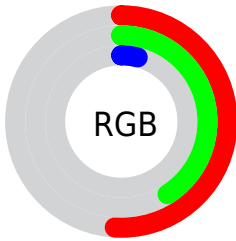
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 129, 11
Decimal	8481035
CIE Lab	45.35, 0.65, 49.50
CIE LCh	45, 49.507, 89.250
Yxy	14.7944, 0.4513, 0.4714
Android (android.graphics.Color)	4286671115 (0xFF81690B)
YUV	101.4600, -44.5968, 24.1526
Hunter-Lab	38.4635, -1.5737, 23.1855

# Details

The Hex color **81690B** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0B2381**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **B99C43**, and **4C3A00** is the 20% darker color. If you saturate the color by 10%, you get **816700**, and if you desaturate by 10%, it is **816C18**.

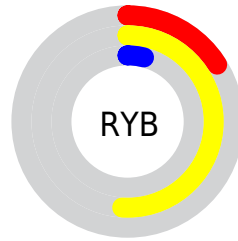
# Distribution



Red (51%)

Green (41%)

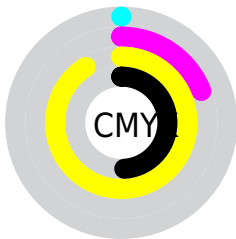
Blue (4%)



Red (16%)

Yellow (51%)

Blue (4%)

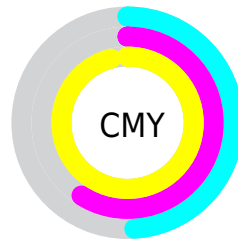


Cyan (0%)

Magenta (19%)

Yellow (91%)

Black (49%)



Cyan (49%)

Magenta (59%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81690B 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 81690B by changing the saturation by 10% instead.





81690B



81690B

FFFFFF



665100



B99C43



4C3A00



D6B75C



322500



F4D276



191100



FFEE91



000000



FFFFAC



FFFFC8



FFFFE5



81690B



81690B

■ 816700

■ 816C18

■ 816E25

■ 817132

■ 81733F

■ 81764C

■ 817958

■ 817B65

■ 817E72

■ 81817F

# Harmonies

## Analogous

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



A15923



81690B



58751B

# Triad

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



81690B



007E93



9C4E96

# Complementary

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



81690B



0B2381

# 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.



6961B4



81690B



007AB2

# Square

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



81690B



007F69



0070BE



B3436E

# Rectangle

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



81690B



337A32



0070BE



8E54A2



# Sweetspot

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



81690B



A89F7B



810B25



544F39



D4D4D4



545454



# Same Dimension

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



81690B



A88600



60810B



403E39



806600



000000



# Inverse Universe

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



0B2381



0022A8



2C0B81



393B40



001A80



000000



# Previews

## White Background



This preview shows how the Hex color 81690B looks on a white background.

## Color Contrast Check

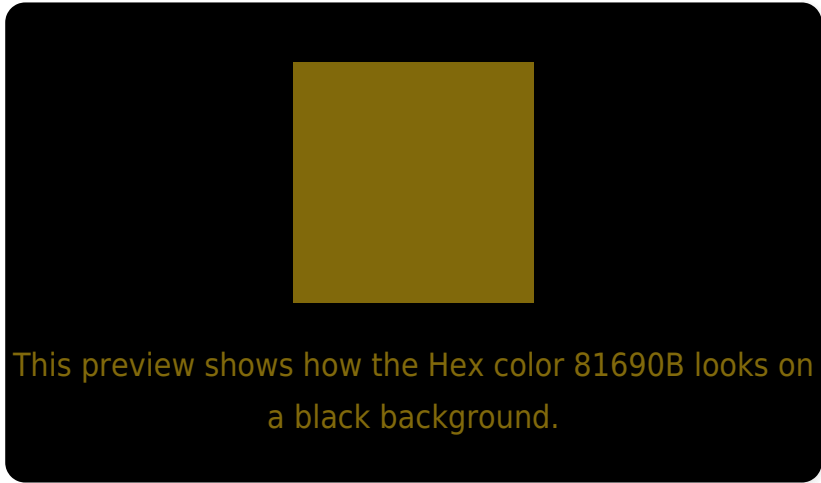
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 81690B Background



This preview shows how black text looks on a background with the Hex color 81690B.



This preview shows how white text looks on a background with the Hex color 81690B.

# 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**  
81690B

**Protanopia**  
796C0C

**Deuteranopia**  
88660E



**Tritanopia**  
866269

# Trichromacy



**Original Color**  
81690B

**Protanomaly**  
7C6B0C

**Deuteranomaly**  
85670D

**Tritanomaly**  
846547

# Monochromacy



**Original Color**  
81690B

**Achromatopsia**  
656565

**Achromatomaly**  
6F6644

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81690B 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 #81690B looks like.

```
.text, #text, p{  
    color:#81690B  
}
```

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 #81690B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81690B
}
```

## Border

The CSS property to change the border of an element to Hex 81690B 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
#81690B }
```

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

```
.border{ border-color:#81690B }
```

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

Here you see how a box with a 4 pixel #81690B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81690B; -webkit-box-shadow:4px 4px  
4px 4px #81690B; box-shadow:4px 4px 4px  
4px #81690B }
```

# Background

The CSS property to change the background color of an element to Hex 81690B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81690B }
```

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

```
.background{ background-color:#81690B }
```

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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