

# Converting Colors

Hex(6A691B)

Have a look what the booklet for  
Hex(6A691B) contains.

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# Color

**Hex(6A691B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A691B
RGB	106, 105, 27
RGB Percent	42%, 41%, 11%
CMY	0.5843, 0.5882, 0.8941
CMYK	0.00, 0.01, 0.75, 0.58
HSL	59°, 59%, 26%
HSV	59°, 75%, 42%
XYZ	11.1933, 13.2465, 3.0038
YIQ	96.4070, 25.6340, -24.0460

# Conversions

## Conversions Part 2

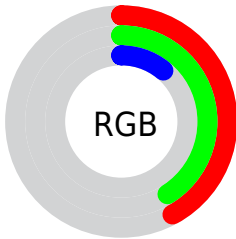
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 106, 27
Decimal	6973723
CIE Lab	43.13, -9.80, 41.52
CIE LCh	43, 42.661, 103.280
Yxy	13.2465, 0.4079, 0.4827
Android (android.graphics.Color)	4285163803 (0xFF6A691B)
YUV	96.4070, -34.2177, 8.4131
Hunter-Lab	36.3957, -8.7959, 20.5837

# Details

The Hex color **6A691B** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1B1C6A**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **A09C4D**, and **383A00** is the 20% darker color. If you saturate the color by 10%, you get **6A6910**, and if you desaturate by 10%, it is **6A6926**.

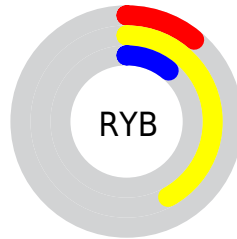
# Distribution



Red (42%)

Green (41%)

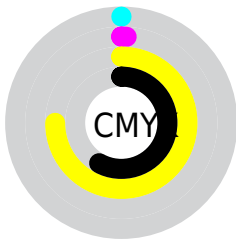
Blue (11%)



Red (11%)

Yellow (42%)

Blue (11%)

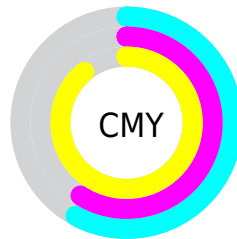


Cyan (0%)

Magenta (1%)

Yellow (75%)

Black (58%)



Cyan (58%)

Magenta (59%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A691B 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 6A691B by changing the saturation by 10% instead.





6A691B



6A691B

FFFFFF



505100



A09C4D



383A00



BCB766



1F2500



D8D280



001100



F5EF9A



000000



FFFFB6



FFFFD2



FFFFEE



6A691B



6A691B

■ 6A6910

■ 6A6926

■ 6A6906

■ 6A6930

■ 6A6900

■ 6A693B

■ 6A6A45

■ 6A6A50

■ 6A6A5B

■ 6A6A65

■ 6A6A70

■ 6A6A7A

# Harmonies

## Analogous

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



895D1F



6A691B



427130

# Triad

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



6A691B



007595



9C497B

# Complementary

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



6A691B



1B1C6A

# 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.



7C569A



6A691B



006FA9

# Square

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



6A691B



007775



4164AB



A74658

# Rectangle

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



6A691B



187545



4164AB



944C86



# Sweetspot

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



6A691B



8A896B



6A1B1C



454533



C4C4C4



454545



# Same Dimension

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



6A691B



8A880F



446A1B



363530



757400



F5F200



# Inverse Universe

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



1B1C6A



0F118A



411B6A



303036



000175



0003F5



# Previews

## White Background



This preview shows how the Hex color 6A691B looks on a white background.

## Color Contrast Check

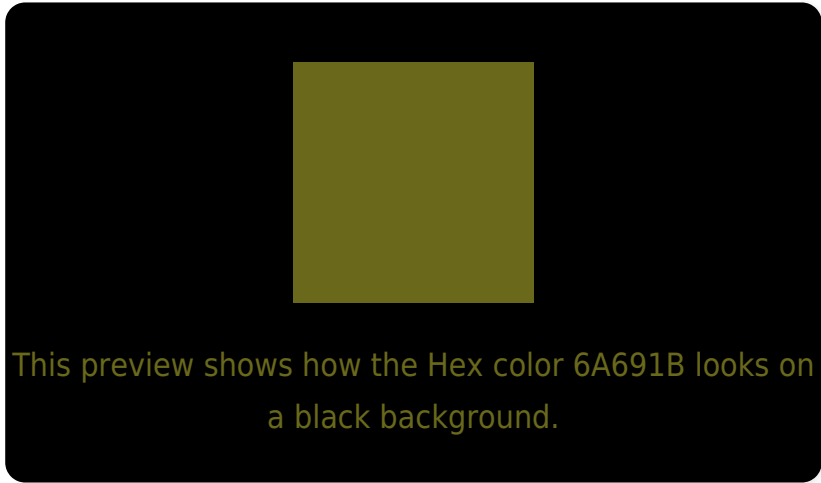
Large Text (above 18pt) WCAG AA ✓ Pass

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

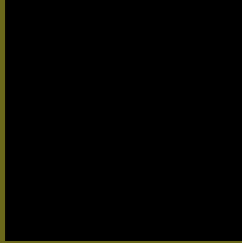
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A691B Background



This preview shows how black text looks on a background with the Hex color 6A691B.



This preview shows how white text looks on a background with the Hex color 6A691B.

# 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**


6A691B

**Protanopia**

72661A

**Deuteranopia**

80611F



**Tritanopia**  
71626A

# Trichromacy



**Original Color**  
6A691B

**Protanomaly**  
6F671A

**Deuteranomaly**  
78641E

**Tritanomaly**  
6E654D

# Monochromacy



**Original Color**  
6A691B

**Achromatopsia**  
606060

**Achromatomaly**  
646347

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A691B 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 #6A691B looks like.

```
.text, #text, p{  
    color:#6A691B  
}
```

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 #6A691B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A691B
}
```

## Border

The CSS property to change the border of an element to Hex 6A691B 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
#6A691B }
```

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

```
.border{ border-color:#6A691B }
```

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

Here you see how a box with a 4 pixel #6A691B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A691B; -webkit-box-shadow:4px 4px  
4px 4px #6A691B; box-shadow:4px 4px 4px  
4px #6A691B }
```

# Background

The CSS property to change the background color of an element to Hex 6A691B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A691B }
```

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

```
.background{ background-color:#6A691B }
```

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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