

Converting Colors

Hex(6A751B)

Have a look what the booklet for
Hex(6A751B) contains.

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Color

Hex(6A751B)

Conversions

Conversions Part 1

Format	Color
Hex	6A751B
RGB	106, 117, 27
RGB Percent	42%, 46%, 11%
CMY	0.5843, 0.5412, 0.8941
CMYK	0.09, 0.00, 0.77, 0.54
HSL	67°, 62%, 28%
HSV	67°, 77%, 46%
XYZ	12.5030, 15.8659, 3.4404
YIQ	103.4510, 22.3340, -30.3220

Conversions

Conversions Part 2

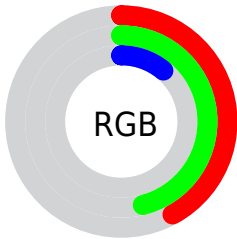
Format	Color
R_{YB}	27, 117, 38
Decimal	6976795
CIE Lab	46.80, -16.39, 45.04
CIE LCh	47, 47.934, 109.997
Yxy	15.8659, 0.3931, 0.4988
Android (android.graphics.Color)	4285166875 (0xFF6A751B)
YUV	103.4510, -37.6903, 2.2355
Hunter-Lab	39.8320, -13.6761, 22.7614

Details

The Hex color **6A751B** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **261B75**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **A0A94E**, and **384500** is the 20% darker color. If you saturate the color by 10%, you get **69750F**, and if you desaturate by 10%, it is **6B7527**.

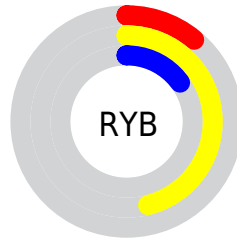
Distribution



Red (42%)

Green (46%)

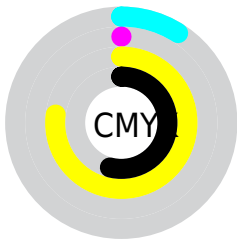
Blue (11%)



Red (11%)

Yellow (46%)

Blue (15%)

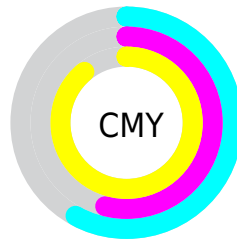


Cyan (9%)

Magenta (0%)

Yellow (77%)

Black (54%)



Cyan (58%)

Magenta (54%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A751B 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 6A751B by changing the saturation by 10% instead.



6A751B



6A751B

FFFFFF



505C00



A0A94E



384500



BCC468



1F2F00



D8E082



001B00



F5FD9D



000000



FFFFB8



FFFFD4



FFFFF1



6A751B



6A751B

■ 69750F

■ 6B7527

■ 677504

■ 6D7532

■ 677500

■ 6E753E

■ 70754A

■ 717556

■ 737561

■ 74756D

■ 757579

■ 777584

Harmonies

Analogous

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



8F6819



6A751B



387D38

Triad

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



6A751B



007FAC



B14B7E

Complementary

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



6A751B



261B75

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.



9259A3



6A751B



0077BE

Square

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



6A751B



008289



576ABB



B84B56

Rectangle

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



6A751B



008052



576ABB



AA4E8B

Sweetspot

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



6A751B



959976



75261B



4A4D37



CCCCCC



4D4D4D

Same Dimension

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



6A751B



88990C



3E751B



3A3B35



6B7A00



DBFA00

Inverse Universe

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



261B75



1D0C99



531B75



36353B



0F007A



1F00FA

Previews

White Background



This preview shows how the Hex color 6A751B 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

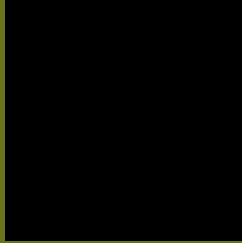
Any Text WCAG AA × Fail

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 6A751B Background



This preview shows how black text looks on a background with the Hex color 6A751B.



This preview shows how white text looks on a background with the Hex color 6A751B.

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
6A751B

Protanopia
7D6F19

Deuteranopia
8B6920



Tritanopia
726D76

Trichromacy



Original Color
6A751B

Protanomaly
76711A

Deuteranomaly
7F6D1E

Tritanomaly
6F7055

Monochromacy



Original Color
6A751B

Achromatopsia
676767

Achromatomaly
686C4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A751B 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 #6A751B looks like.

```
.text, #text, p{  
    color:#6A751B  
}
```

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 #6A751B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A751B
}
```

Border

The CSS property to change the border of an element to Hex 6A751B 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
#6A751B }
```

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

```
.border{ border-color:#6A751B }
```

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

Here you see how a box with a 4 pixel #6A751B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A751B; -webkit-box-shadow:4px 4px  
4px 4px #6A751B; box-shadow:4px 4px 4px  
4px #6A751B }
```

Background

The CSS property to change the background color of an element to Hex 6A751B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A751B }
```

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

```
.background{ background-color:#6A751B }
```

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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