

Converting Colors

Hex(6B7A2A)

Have a look what the booklet for
Hex(6B7A2A) contains.

Hex(6B7A2A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6B7A2A)

Conversions

Conversions Part 1

Format	Color
Hex	6B7A2A
RGB	107, 122, 42
RGB Percent	42%, 48%, 16%
CMY	0.5804, 0.5216, 0.8353
CMYK	0.12, 0.00, 0.66, 0.52
HSL	71°, 49%, 32%
HSV	71°, 66%, 48%
XYZ	13.4409, 17.2120, 4.8043
YIQ	108.3950, 16.7400, -28.0600

Conversions

Conversions Part 2

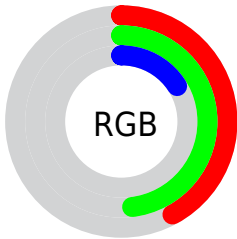
Format	Color
RYB	42, 122, 57
Decimal	7043626
CIELab	48.53, -17.63, 40.58
CIELCh	49, 44.245, 113.489
Yxy	17.2120, 0.3791, 0.4854
Android (android.graphics.Color)	4285233706 (0xFF6B7A2A)
YUV	108.3950, -32.7327, -1.2234
Hunter-Lab	41.4874, -14.7735, 22.1753

Details

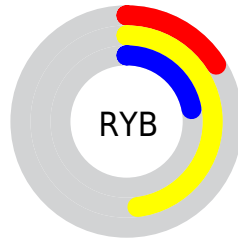
The Hex color **6B7A2A** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **392A7A**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **A0AE5C**, and **394900** is the 20% darker color. If you saturate the color by 10%, you get **697A1E**, and if you desaturate by 10%, it is **6D7A36**.

Distribution



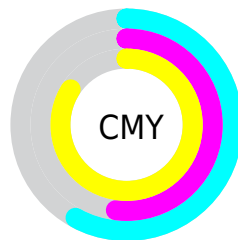
- Red (42%)
- Green (48%)
- Blue (16%)



- Red (16%)
- Yellow (48%)
- Blue (22%)



- Cyan (12%)
- Magenta (0%)
- Yellow (66%)
- Black (52%)



- Cyan (58%)
- Magenta (52%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6B7A2A 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 6B7A2A by changing the saturation by 10% instead.

 6B7A2A

 6B7A2A

FFFFFF

 516110

 A0AE5C

 394900

 BCCA75

 213300

 D8E690

 021E00

 F5FFAB

 000000

 FFFFC6

 FFFF E3

 6B7A2A

 6B7A2A

 697A1E

 6D7A36

■ 667A12

■ 707A42

■ 647A05

■ 727A4F

■ 637A00

■ 747A5B

■ 767A67

■ 797A73

■ 7B7A7F

■ 7D7A8C

■ 807A98

Harmonies

Analogous

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



8F6E25



6B7A2A



3C8145

Triad

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



6B7A2A



0082AF



B3537D

Complementary

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



6B7A2A



392A7A

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.



995DA0



6B7A2A



007ABD

Square

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



6B7A2A



008590



676DB8



B85458

Rectangle

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



6B7A2A



00845D



676DB8



AD5589

Sweetspot

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



6B7A2A



989E7E



7A392A



4B4F3C



CFCFCF



4F4F4F

Same Dimension

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



6B7A2A



879E21



437A2A



3C3D37



667D00



CDFC00

Inverse Universe

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



392A7A



39219E



612A7A



38373D



17007D



2F00FC

Previews

White Background



This preview shows how the Hex color 6B7A2A looks on a white background.

Color Contrast Check

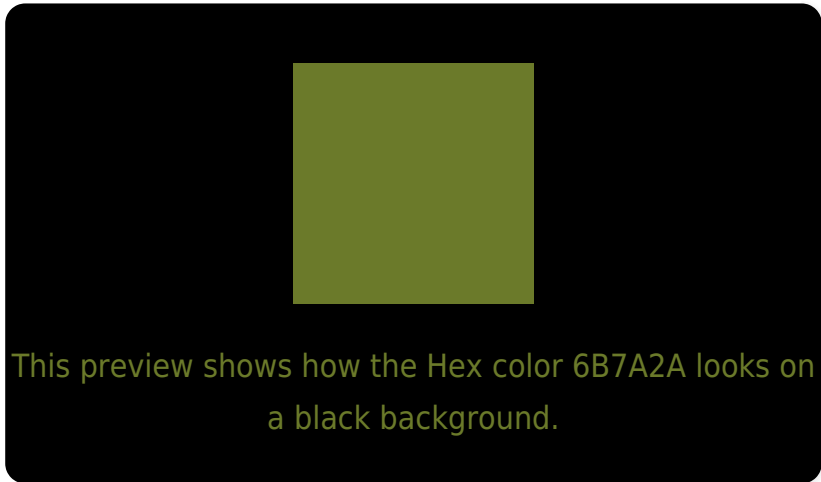
Large Text (above 18pt) WCAG AA ✓ Pass

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

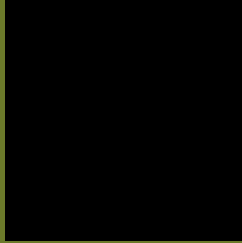
Any Text WCAG AA × Fail

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 6B7A2A Background



This preview shows how black text looks on a background with the Hex color 6B7A2A.



This preview shows how white text looks on a background with the Hex color 6B7A2A.

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
6B7A2A

Protanopia
817328

Deuteranopia
8F6D2E



Tritanopia
74727B

Trichromacy



Original Color
6B7A2A

Protanomaly
797629

Deuteranomaly
82722D

Tritanomaly
71755E

Monochromacy



Original Color
6B7A2A

Achromatopsia
6C6C6C

Achromatomaly
6C7154

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B7A2A 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 #6B7A2A looks like.

```
.text, #text, p{  
    color:#6B7A2A  
}
```

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 #6B7A2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7A2A
}
```

Border

The CSS property to change the border of an element to Hex 6B7A2A 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
#6B7A2A }
```

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

```
.border{ border-color:#6B7A2A }
```

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

Here you see how a box with a 4 pixel #6B7A2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7A2A; -webkit-box-shadow:4px 4px  
4px 4px #6B7A2A; box-shadow:4px 4px 4px  
4px #6B7A2A }
```

Background

The CSS property to change the background color of an element to Hex 6B7A2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7A2A }
```

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

```
.background{ background-color:#6B7A2A }
```

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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