

Converting Colors

Hex(B2A71C)

Have a look what the booklet for
Hex(B2A71C) contains.

Hex(B2A71C)	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(B2A71C)

Conversions

Conversions Part 1

Format	Color
Hex	B2A71C
RGB	178, 167, 28
RGB Percent	70%, 65%, 11%
CMY	0.3020, 0.3451, 0.8902
CMYK	0.00, 0.06, 0.84, 0.30
HSL	56°, 73%, 40%
HSV	56°, 84%, 70%
XYZ	32.3884, 37.1863, 6.5692
YIQ	154.4430, 51.1750, -40.8970

Conversions

Conversions Part 2

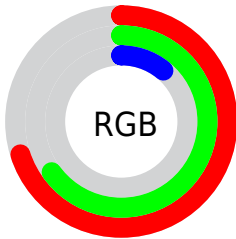
Format	Color
RYB	40, 178, 28
Decimal	11708188
CIELab	67.42, -10.32, 65.38
CIELCh	67, 66.189, 98.967
Yxy	37.1863, 0.4254, 0.4884
Android (android.graphics.Color)	4289898268 (0xFFB2A71C)
YUV	154.4430, -62.3364, 20.6595
Hunter-Lab	60.9805, -11.9097, 36.2993

Details

The Hex color **B2A71C** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1C27B2**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **EDDE58**, and **797300** is the 20% darker color. If you saturate the color by 10%, you get **B2A60A**, and if you desaturate by 10%, it is **B2A82E**.

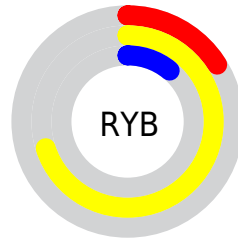
Distribution



Red (70%)

Green (65%)

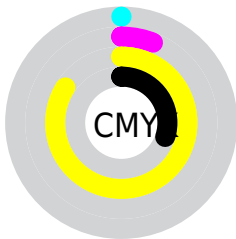
Blue (11%)



Red (16%)

Yellow (70%)

Blue (11%)

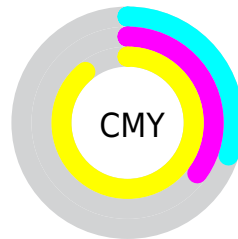


Cyan (0%)

Magenta (6%)

Yellow (84%)

Black (30%)



Cyan (30%)

Magenta (35%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2A71C 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 B2A71C by changing the saturation by 10% instead.

 B2A71C

 B2A71C

FFFFFF

 958D00

 EDDE58

 797300

 FFFA73

 5E5B00

 FFFF8F

 434400

 FFFFAB

 292E00

 FFFFC8

 0E1A00

 FFFF8E

 000000

 B2A71C

 B2A71C

 B2A60A

 B2A82E

 B2A500

 B2AA40

 B2AB51

 B2AC63

 B2AE75

 B2AF87

 B2B099

 B2B1AA

 B2B3BC

Harmonies

Analogous

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



E4922E



B2A71C



72B640

Triad

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



B2A71C



00BFEE



FA74D0

Complementary

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



B2A71C



1C27B2

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.



BE8CFF



B2A71C



00B6FF

Square

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



B2A71C



00C1B5



42A5FF



FF6B95

Rectangle

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



B2A71C



2ABC63



42A5FF



EA7BE3

Sweetspot

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



B2A71C



E8E4AE



B21C28



757352



F5F5F5



757575

Same Dimension

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



B2A71C



E8D700



74B21C



595950



998E00



1A1800

Inverse Universe

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



1C27B2



0011E8



5B1CB2



505159



000B99



00021A

Previews

White Background



This preview shows how the Hex color B2A71C looks on a white background.

Color Contrast Check

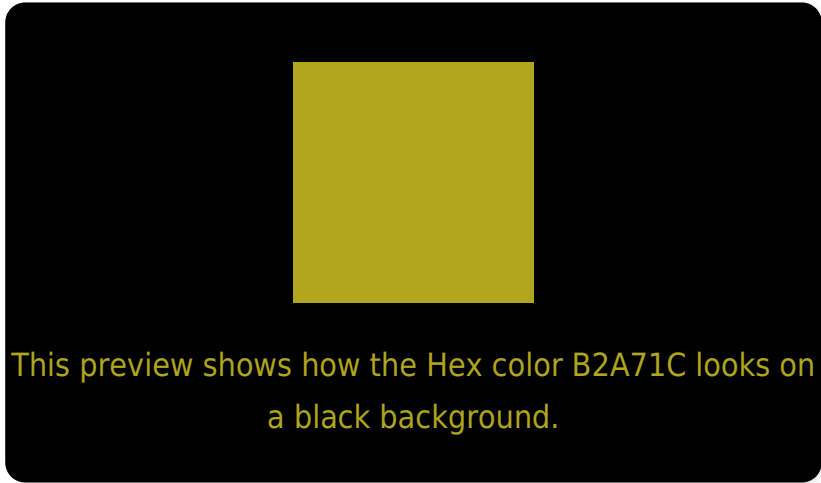
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex B2A71C Background



This preview shows how black text looks on a background with the Hex color B2A71C.



This preview shows how white text looks on a background with the Hex color B2A71C.

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
B2A71C

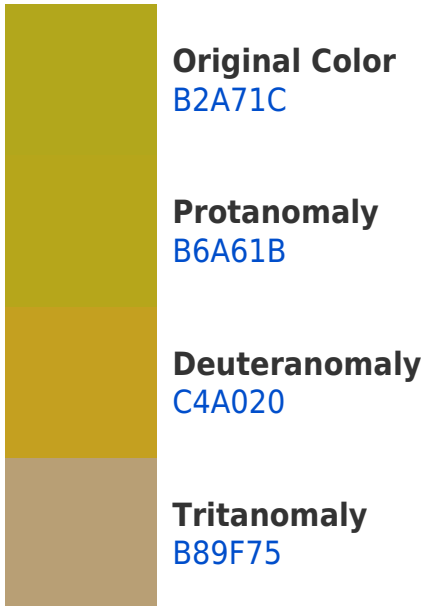
Protanopia
B9A51B

Deuteranopia
CF9C23



Tritanopia
BC9BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2A71C 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 #B2A71C looks like.

```
.text, #text, p{  
    color:#B2A71C  
}
```

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 #B2A71C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2A71C
}
```

Border

The CSS property to change the border of an element to Hex B2A71C 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
#B2A71C }
```

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

```
.border{ border-color:#B2A71C }
```

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

Here you see how a box with a 4 pixel #B2A71C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2A71C; -webkit-box-shadow:4px 4px  
4px 4px #B2A71C; box-shadow:4px 4px 4px  
4px #B2A71C }
```

Background

The CSS property to change the background color of an element to Hex B2A71C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2A71C }
```

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

```
.background{ background-color:#B2A71C }
```

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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