

Converting Colors

Hex(B5A62E)

Have a look what the booklet for
Hex(B5A62E) contains.

Hex(B5A62E)	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(B5A62E)

Conversions

Conversions Part 1

Format	Color
Hex	B5A62E
RGB	181, 166, 46
RGB Percent	71%, 65%, 18%
CMY	0.2902, 0.3490, 0.8196
CMYK	0.00, 0.08, 0.75, 0.29
HSL	53°, 59%, 45%
HSV	53°, 75%, 71%
XYZ	33.1854, 37.2935, 8.0341
YIQ	156.8050, 47.4600, -34.1400

Conversions

Conversions Part 2

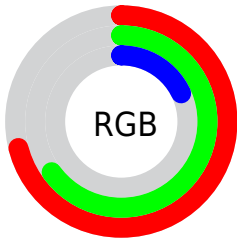
Format	Color
RYB	63, 181, 46
Decimal	11904558
CIELab	67.50, -7.82, 60.07
CIELCh	67, 60.581, 97.417
Yxy	37.2935, 0.4227, 0.4750
Android (android.graphics.Color)	4290094638 (0xFFB5A62E)
YUV	156.8050, -54.6269, 21.2190
Hunter-Lab	61.0684, -9.8702, 34.9477

Details

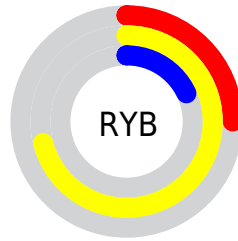
The Hex color **B5A62E** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2E3DB5**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **F0DD65**, and **7C7300** is the 20% darker color. If you saturate the color by 10%, you get **B5A41C**, and if you desaturate by 10%, it is **B5A840**.

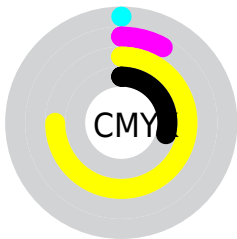
Distribution



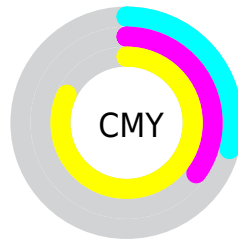
- Red (71%)
- Green (65%)
- Blue (18%)



- Red (25%)
- Yellow (71%)
- Blue (18%)



- Cyan (0%)
- Magenta (8%)
- Yellow (75%)
- Black (29%)



- Cyan (29%)
- Magenta (35%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5A62E 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 B5A62E by changing the saturation by 10% instead.

 B5A62E

 B5A62E

FFFFFF

 988C0B

 F0DD65

 7C7300

 FFF980

 615A00

 FFFF9B

 464300

 FFFFB7

 2D2D00

 FFFFD4

 131900

 FFFFF1

 000000

 B5A62E

 B5A62E

 B5A41C

 B5A840

 B5A20A

 B5AA52

 B5A100

 B5AC64

 B5AE76

 B5B089

 B5B29B

 B5B4AD

 B5B6BF

 B5B8D1

Harmonies

Analogous

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



E3923C



B5A62E



7BB448

Triad

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



B5A62E



00BDE5



F17ACF

Complementary

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



B5A62E



2E3DB5

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.



B990FC



B5A62E



00B5FF

Square

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



B5A62E



00BFB1



4EA6FF



FF7299

Rectangle

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



B5A62E



45BA67



4EA6FF



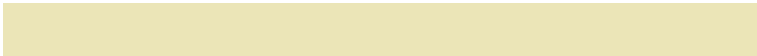
E281E0

Sweetspot

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



B5A62E



EBE5B7



B52E3E



757257



F5F5F5



757575

Same Dimension

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



B5A62E



EBD317



81B52E



595850



998800



1A1700

Inverse Universe

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



2E3DB5



172FEB



622EB5



505159



001199



00031A

Previews

White Background



This preview shows how the Hex color B5A62E looks on a white background.

Color Contrast Check

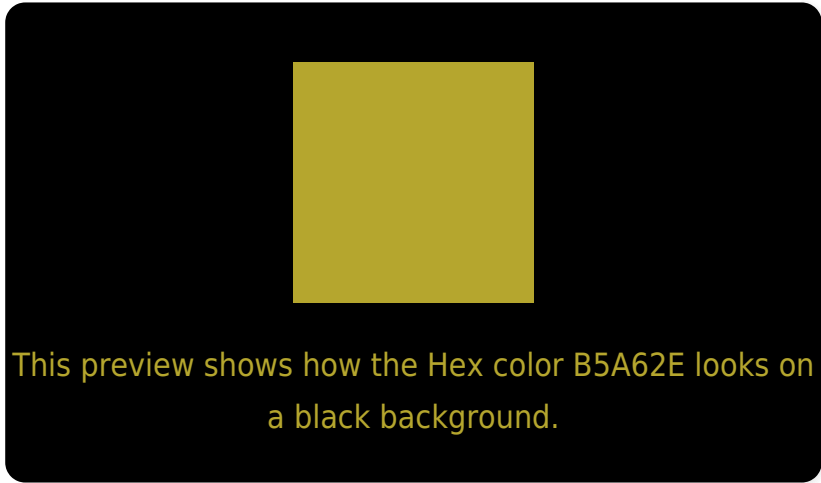
Large Text (above 18pt) WCAG AA × Fail

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 B5A62E Background



This preview shows how black text looks on a background with the Hex color B5A62E.



This preview shows how white text looks on a background with the Hex color B5A62E.

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
B5A62E

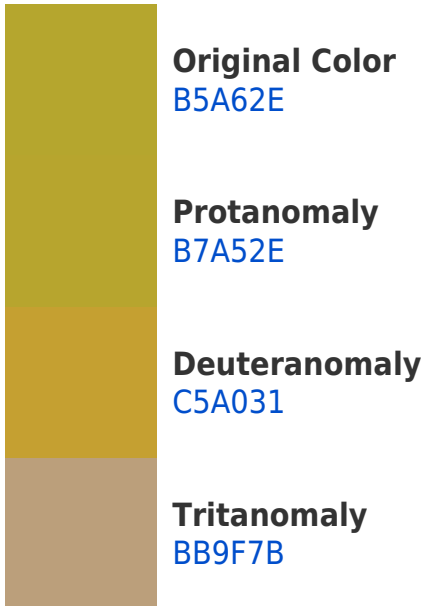
Protanopia
B8A52E

Deuteranopia
CE9C32



Tritanopia
BE9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5A62E 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 #B5A62E looks like.

```
.text, #text, p{  
    color:#B5A62E  
}
```

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 #B5A62E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5A62E
}
```

Border

The CSS property to change the border of an element to Hex B5A62E 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
#B5A62E }
```

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

```
.border{ border-color:#B5A62E }
```

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

Here you see how a box with a 4 pixel #B5A62E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5A62E; -webkit-box-shadow:4px 4px  
4px 4px #B5A62E; box-shadow:4px 4px 4px  
4px #B5A62E }
```

Background

The CSS property to change the background color of an element to Hex B5A62E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5A62E }
```

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

```
.background{ background-color:#B5A62E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor