

Converting Colors

Hex(B5944A)

Have a look what the booklet for
Hex(B5944A) contains.

Hex(B5944A)	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(B5944A)

Conversions

Conversions Part 1

Format	Color
Hex	B5944A
RGB	181, 148, 74
RGB Percent	71%, 58%, 29%
CMY	0.2902, 0.4196, 0.7098
CMYK	0.00, 0.18, 0.59, 0.29
HSL	41°, 42%, 50%
HSV	41°, 59%, 71%
XYZ	30.8820, 31.4980, 10.9306
YIQ	149.4310, 43.4220, -16.0180

Conversions

Conversions Part 2

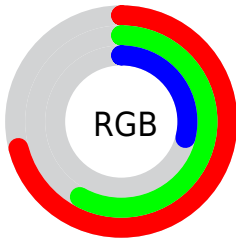
Format	Color
RYB	122, 181, 74
Decimal	11899978
CIELab	62.93, 3.54, 43.13
CIELCh	63, 43.272, 85.309
Yxy	31.4980, 0.4212, 0.4297
Android (android.graphics.Color)	4290090058 (0xFFB5944A)
YUV	149.4310, -37.1875, 27.6860
Hunter-Lab	56.1231, 0.0052, 27.7387

Details

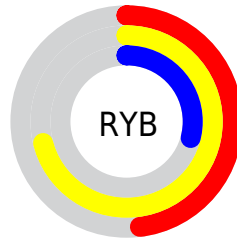
The Hex color **B5944A** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4A6BB5**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **EFCA7D**, and **7D6218** is the 20% darker color. If you saturate the color by 10%, you get **B58E38**, and if you desaturate by 10%, it is **B59A5C**.

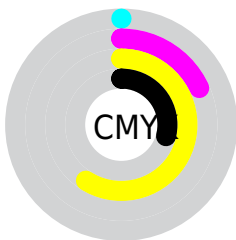
Distribution



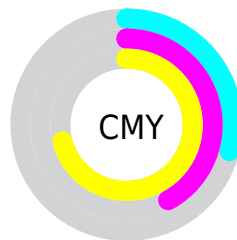
- Red (71%)
- Green (58%)
- Blue (29%)



- Red (48%)
- Yellow (71%)
- Blue (29%)



- Cyan (0%)
- Magenta (18%)
- Yellow (59%)
- Black (29%)



- Cyan (29%)
- Magenta (42%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5944A 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 B5944A by changing the saturation by 10% instead.

 B5944A

 B5944A

FFFFFF

 997A31

 EFCA7D

 7D6218

 FFE697

 624A00

 FFFFB3

 493400

 FFFFCE

 2F1F00

 FFFFEB

 160700

 000000

 B5944A

 B5944A

 B58E38

 B59A5C

 B58926

 B59F6E

 B58314

 B5A580

 B57E02

 B5AA92

 B57D00

 B5B0A5

 B5B5B7

 B5BBC9

 B5C1DB

 B5C6ED

Harmonies

Analogous

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



D2865A



B5944A



8FA050

Triad

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



B5944A



00ACB8



C282C5

Complementary

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



B5944A



4A6BB5

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.



9291DE



B5944A



00A7D7

Square

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



B5944A



0CAC91



489EE5



DC79A0

Rectangle

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



B5944A



71A660



489EE5



B587CF

Sweetspot

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



B5944A



EBDEC0



B54A6C



756D5B



F5F5F5



757575

Same Dimension

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



B5944A



EBB744



A1B54A



595650



996A00



1A1200

Inverse Universe

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



4A6BB5



4477EB



5E4AB5



505359



002F99



00081A

Previews

White Background



This preview shows how the Hex color B5944A looks on a white background.

Color Contrast Check

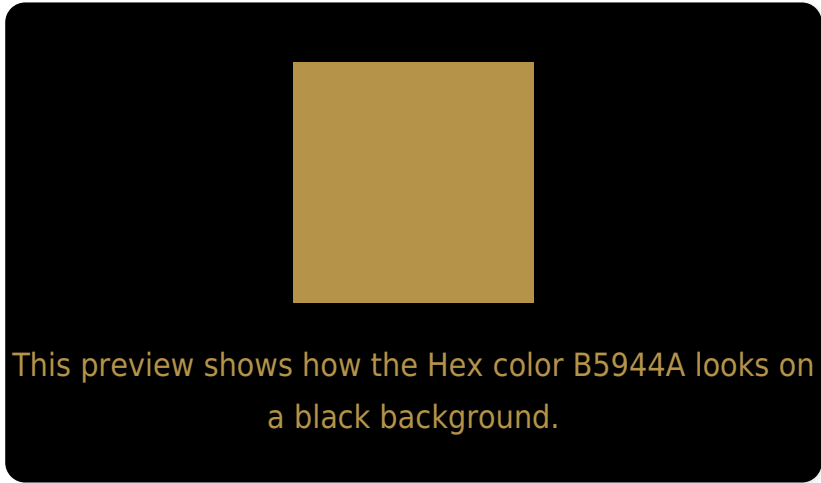
Large Text (above 18pt) WCAG AA × Fail

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 B5944A Background



This preview shows how black text looks on a background with the Hex color B5944A.

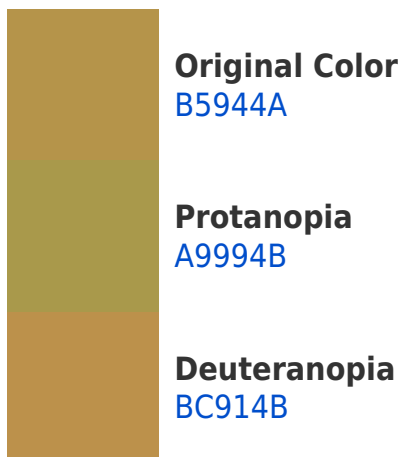


This preview shows how white text looks on a background with the Hex color B5944A.

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](#).

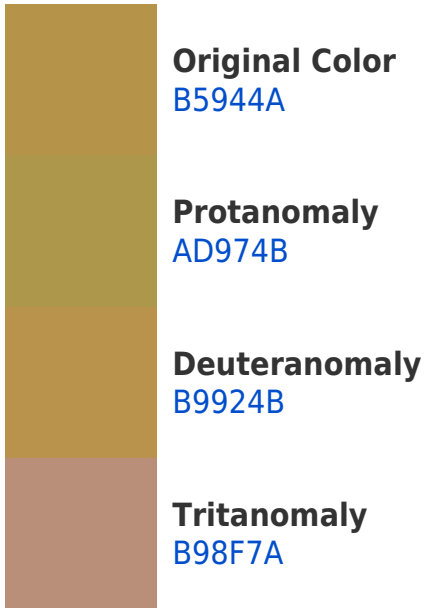
Dichromacy



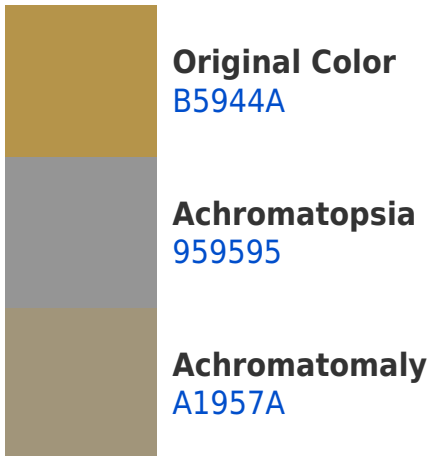


Tritanopia
BB8C96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5944A 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 #B5944A looks like.

```
.text, #text, p{  
    color:#B5944A  
}
```

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 #B5944A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5944A
}
```

Border

The CSS property to change the border of an element to Hex B5944A 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
#B5944A }
```

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

```
.border{ border-color:#B5944A }
```

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

Here you see how a box with a 4 pixel #B5944A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5944A; -webkit-box-shadow:4px 4px  
4px 4px #B5944A; box-shadow:4px 4px 4px  
4px #B5944A }
```

Background

The CSS property to change the background color of an element to Hex B5944A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5944A }
```

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

```
.background{ background-color:#B5944A }
```

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