

Converting Colors

Hex(B79B44)

Have a look what the booklet for
Hex(B79B44) contains.

Hex(B79B44)	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(B79B44)

Conversions

Conversions Part 1

Format	Color
Hex	B79B44
RGB	183, 155, 68
RGB Percent	72%, 61%, 27%
CMY	0.2824, 0.3922, 0.7333
CMYK	0.00, 0.15, 0.63, 0.28
HSL	45°, 46%, 49%
HSV	45°, 63%, 72%
XYZ	32.2932, 33.9273, 10.3154
YIQ	153.4540, 44.6150, -21.1210

Conversions

Conversions Part 2

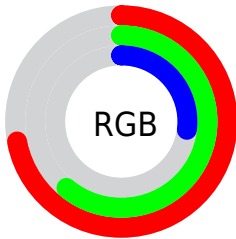
Format	Color
RYB	105, 183, 68
Decimal	12032836
CIELab	64.90, 0.17, 48.32
CIELCh	65, 48.317, 89.802
Yxy	33.9273, 0.4219, 0.4433
Android (android.graphics.Color)	4290222916 (0xFFB79B44)
YUV	153.4540, -42.1288, 25.9118
Hunter-Lab	58.2472, -2.9693, 30.2729

Details

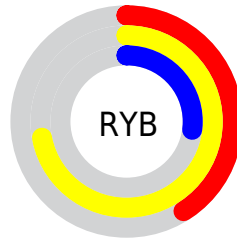
The Hex color **B79B44** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **4460B7**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **F1D177**, and **7F680E** is the 20% darker color. If you saturate the color by 10%, you get **B79732**, and if you desaturate by 10%, it is **B79F56**.

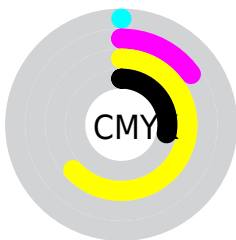
Distribution



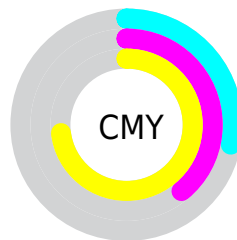
- Red (72%)
- Green (61%)
- Blue (27%)



- Red (41%)
- Yellow (72%)
- Blue (27%)



- Cyan (0%)
- Magenta (15%)
- Yellow (63%)
- Black (28%)



- Cyan (28%)
- Magenta (39%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color B79B44 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 B79B44 by changing the saturation by 10% instead.



B79B44



B79B44

FFFFFF



9B812B



F1D177



7F680E



FFED92



645000



FFFFAD



4A3A00



FFFFC9



302400



FFFFE6



171000



000000



B79B44



B79B44



B79732



B79F56

 B7921F

 B7A469

 B78E0D

 B7A87B

 B78A00

 B7AD8D

 B7B1A0

 B7B6B2

 B7BAC4

 B7BFD6

 B7C3E9

Harmonies

Analogous

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



D98B53



B79B44



8BA84F

Triad

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



B79B44



00B3C7



D282CA

Complementary

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



B79B44



4460B7

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.



A092E9



B79B44



00ADE7

Square

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



B79B44



00B39C



4CA2F4



EC79A0

Rectangle

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



B79B44



68AD64



4CA2F4



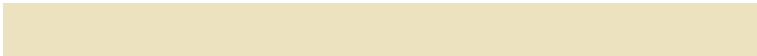
C487D6

Sweetspot

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



B79B44



EDE2C0



B74461



78715C



F7F7F7



787878

Same Dimension

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



B79B44



EDC23B



9AB744



5C5A53



9C7600



1C1500

Inverse Universe

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



4460B7



3B67ED



6144B7



53555C



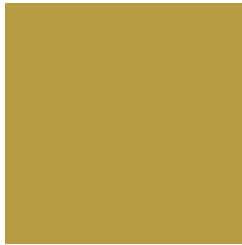
00269C



00071C

Previews

White Background



This preview shows how the Hex color B79B44 looks on a white background.

Color Contrast Check

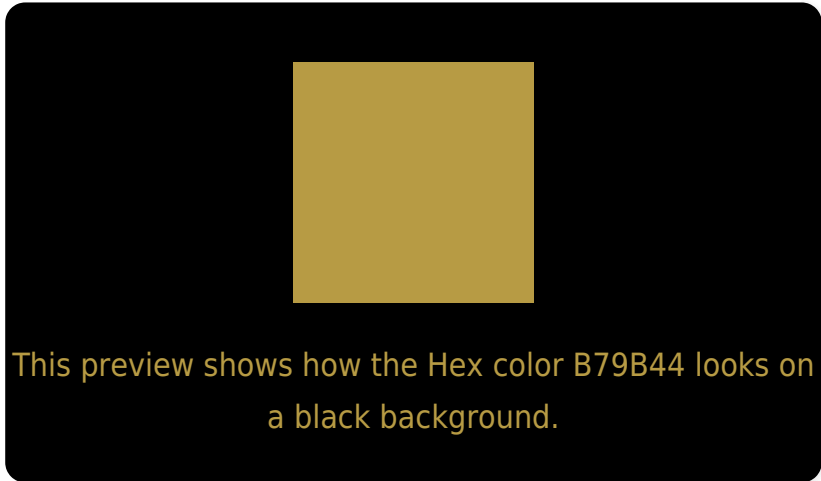
Large Text (above 18pt) WCAG AA × Fail

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 B79B44 Background



This preview shows how black text looks on a background with the Hex color B79B44.

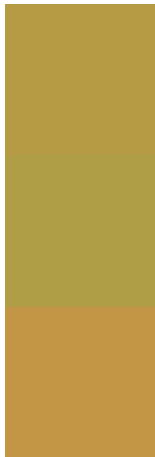


This preview shows how white text looks on a background with the Hex color B79B44.

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
B79B44

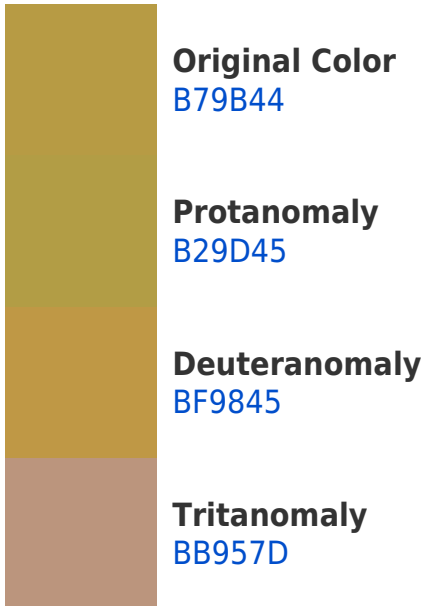
Protanopia
AF9E45

Deuteranopia
C39645

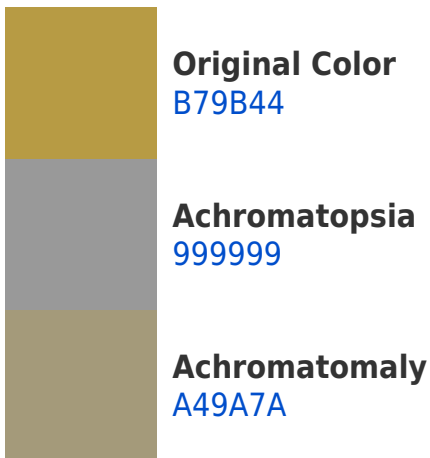


Tritanopia
BE929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B79B44 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 #B79B44 looks like.

```
.text, #text, p{  
    color:#B79B44  
}
```

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 #B79B44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B79B44
}
```

Border

The CSS property to change the border of an element to Hex B79B44 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
#B79B44 }
```

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

```
.border{ border-color:#B79B44 }
```

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

Here you see how a box with a 4 pixel #B79B44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B79B44; -webkit-box-shadow:4px 4px  
4px 4px #B79B44; box-shadow:4px 4px 4px  
4px #B79B44 }
```

Background

The CSS property to change the background color of an element to Hex B79B44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B79B44 }
```

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

```
.background{ background-color:#B79B44 }
```

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