

Converting Colors

Hex(B4A712)

Have a look what the booklet for
Hex(B4A712) contains.

Hex(B4A712)	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(B4A712)

Conversions

Conversions Part 1

Format	Color
Hex	B4A712
RGB	180, 167, 18
RGB Percent	71%, 65%, 7%
CMY	0.2941, 0.3451, 0.9294
CMYK	0.00, 0.07, 0.90, 0.29
HSL	55°, 82%, 39%
HSV	55°, 90%, 71%
XYZ	32.7503, 37.3844, 6.0621
YIQ	153.9010, 55.5770, -43.5830

Conversions

Conversions Part 2

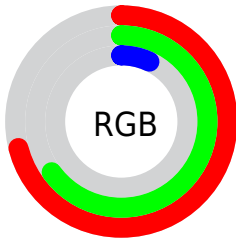
Format	Color
R_{YB}	32, 180, 18
Decimal	11839250
CIE _{Lab}	67.56, -9.66, 67.71
CIE _{LCh}	68, 68.393, 98.118
Yxy	37.3844, 0.4298, 0.4906
Android (android.graphics.Color)	4290029330 (0xFFB4A712)
YUV	153.9010, -66.9992, 22.8888
Hunter-Lab	61.1428, -11.3888, 36.9216

Details

The Hex color **B4A712** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **121FB4**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **EFDE53**, and **7B7300** is the 20% darker color. If you saturate the color by 10%, you get **B4A600**, and if you desaturate by 10%, it is **B4A824**.

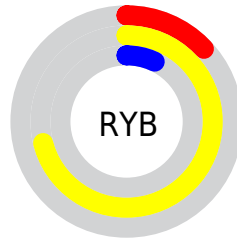
Distribution



Red (71%)

Green (65%)

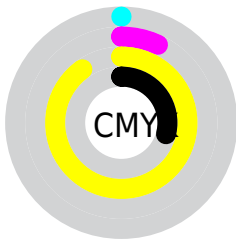
Blue (7%)



Red (13%)

Yellow (71%)

Blue (7%)

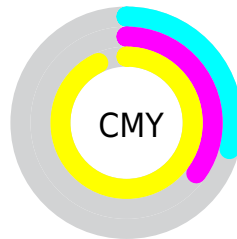


Cyan (0%)

Magenta (7%)

Yellow (90%)

Black (29%)



Cyan (29%)

Magenta (35%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4A712 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 B4A712 by changing the saturation by 10% instead.

 B4A712

 B4A712

FFFFFF

 978D00

 EFDE53

 7B7300

 FFFA6F

 5F5B00

 FFFF8A

 444400

 FFFFA6

 2A2E00

 FFFFC3

 101A00

 FFFFEO

 000000

 FFFFFD

 B4A712

 B4A712

 B4A600

 B4A824

 B4AA36

 B4AB48

 B4AD5A

 B4AE6C

 B4B07E

 B4B190

 B4B3A2

 B4B4B4

Harmonies

Analogous

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



E8912A



B4A712



72B63B

Triad

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



B4A712



00C0EF



FB72D4

Complementary

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



B4A712



121FB4

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.



BC8DFF



B4A712



00B7FF

Square

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



B4A712



00C2B4



2EA6FF



FF6896

Rectangle

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



B4A712



26BC60



2EA6FF



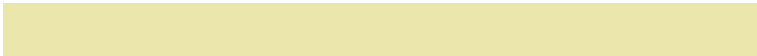
EB7AE7

Sweetspot

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



B4A712



EBE6AB



B4121F



757250



F5F5F5



757575

Same Dimension

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



B4A712



EBD800



71B412



595950



998D00



1A1700

Inverse Universe

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



121FB4



0013EB



5612B4



505159



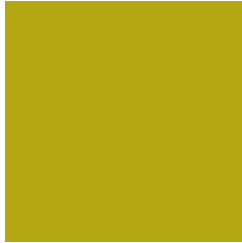
000C99



00021A

Previews

White Background



This preview shows how the Hex color B4A712 looks on a white background.

Color Contrast Check

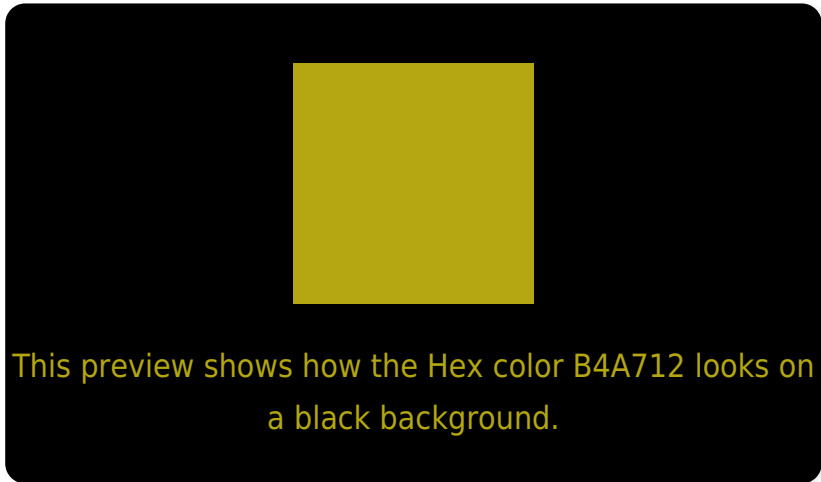
Large Text (above 18pt) WCAG AA × Fail

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 B4A712 Background



This preview shows how black text looks on a background with the Hex color B4A712.



This preview shows how white text looks on a background with the Hex color B4A712.

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
B4A712

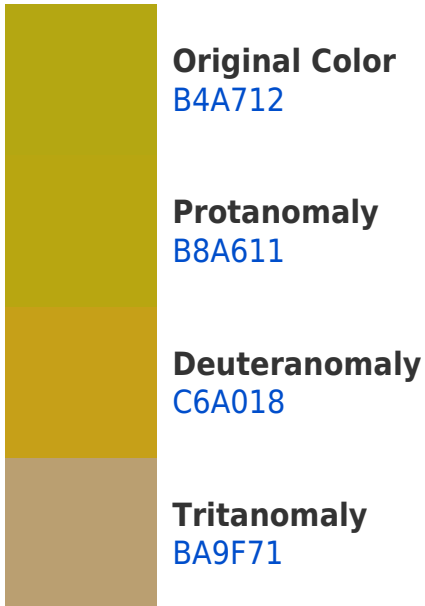
Protanopia
BAA511

Deuteranopia
D09C1C

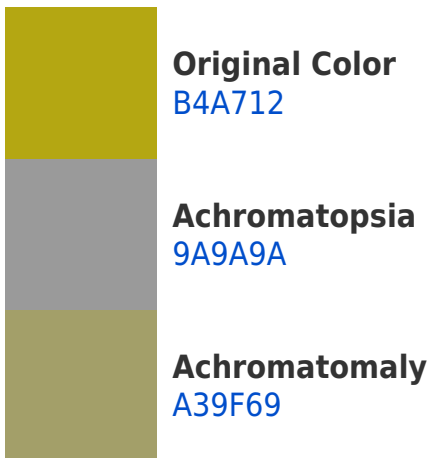


Tritanopia
BE9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4A712 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 #B4A712 looks like.

```
.text, #text, p{  
    color:#B4A712  
}
```

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 #B4A712 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4A712
}
```

Border

The CSS property to change the border of an element to Hex B4A712 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
#B4A712 }
```

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

```
.border{ border-color:#B4A712 }
```

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

Here you see how a box with a 4 pixel #B4A712 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4A712; -webkit-box-shadow:4px 4px  
4px 4px #B4A712; box-shadow:4px 4px 4px  
4px #B4A712 }
```

Background

The CSS property to change the background color of an element to Hex B4A712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4A712 }
```

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

```
.background{ background-color:#B4A712 }
```

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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