

Converting Colors

Hex(BA8712)

Have a look what the booklet for
Hex(BA8712) contains.

Hex(BA8712)	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(BA8712)

Conversions

Conversions Part 1

Format	Color
Hex	BA8712
RGB	186, 135, 18
RGB Percent	73%, 53%, 7%
CMY	0.2706, 0.4706, 0.9294
CMYK	0.00, 0.27, 0.90, 0.27
HSL	42°, 82%, 40%
HSV	42°, 90%, 73%
XYZ	29.0229, 27.8107, 4.4106
YIQ	136.9110, 67.9530, -25.5750

Conversions

Conversions Part 2

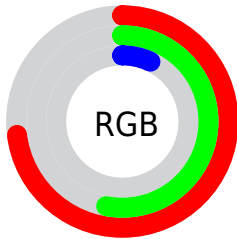
Format	Color
R_{YB}	91, 186, 18
Decimal	12224274
CIE _{Lab}	59.72, 10.33, 61.86
CIE _{LCh}	60, 62.716, 80.522
Yxy	27.8107, 0.4739, 0.4541
Android (android.graphics.Color)	4290414354 (0xFFBA8712)
YUV	136.9110, -58.6231, 43.0511
Hunter-Lab	52.7359, 5.9486, 31.9563

Details

The Hex color **BA8712** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1245BA**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **F6BC4E**, and **805600** is the 20% darker color. If you saturate the color by 10%, you get **BA8200**, and if you desaturate by 10%, it is **BA8D25**.

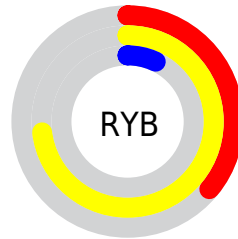
Distribution



Red (73%)

Green (53%)

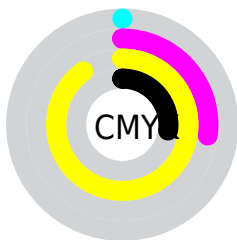
Blue (7%)



Red (36%)

Yellow (73%)

Blue (7%)

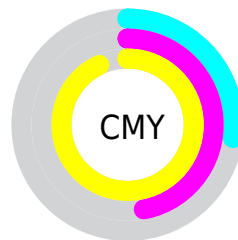


Cyan (0%)

Magenta (27%)

Yellow (90%)

Black (27%)



Cyan (27%)

Magenta (47%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color BA8712 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 BA8712 by changing the saturation by 10% instead.

 BA8712

 BA8712

FFFFFF

 9D6E00

 F6BC4E

 805600

 FFD868

 633F00

 FFF483

 482900

 FFFF9F

 2E1500

 FFFFBB

 140000

 FFFFD7

 000000

 FFFFF5

 BA8712

 BA8712

 BA8200

 BA8D25

 BA9237

 BA984A

 BA9E5C

 BAA36F

 BAA982

 BAAF94

 BAB4A7

 BABAB9

Harmonies

Analogous

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



E0703B



BA8712



879817

Triad

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



BA8712



00AAB5



C170D7

Complementary

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



BA8712



1245BA

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.



6D89F8



BA8712



00A6E4

Square

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



BA8712



00A97C



009BFD



EA5CA4

Rectangle

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



BA8712



5CA035



009BFD



AB78E4

Sweetspot

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



BA8712



F2DEB1



BA1247



7A6F53



FAFAFA



7A7A7A

Same Dimension

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



BA8712



F2A900



9BBA12



5C5953



9C6C00



1C1400

Inverse Universe

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



1245BA



004AF2



3112BA



53555C



002F9C



00091C

Previews

White Background



This preview shows how the Hex color BA8712 looks on a white background.

Color Contrast Check

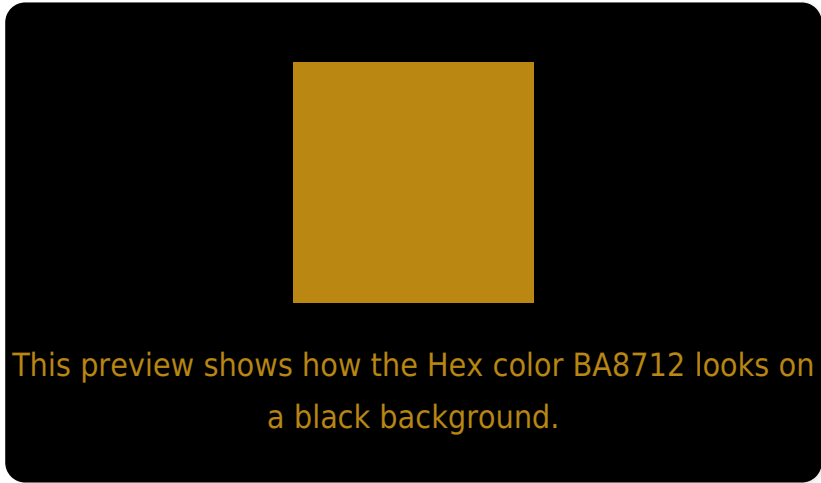
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex BA8712 Background



This preview shows how black text looks on a background with the Hex color BA8712.



This preview shows how white text looks on a background with the Hex color BA8712.

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
BA8712

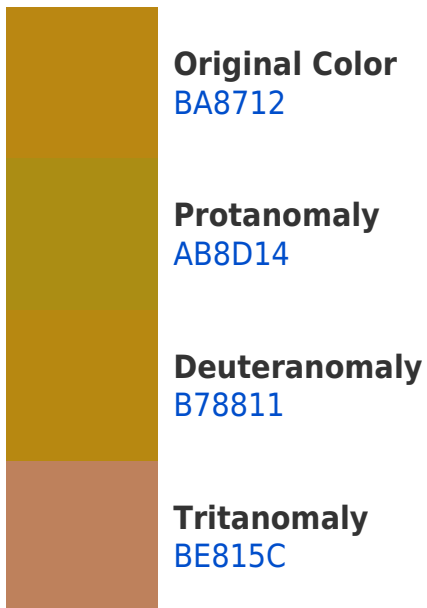
Protanopia
A39115

Deuteranopia
B68910

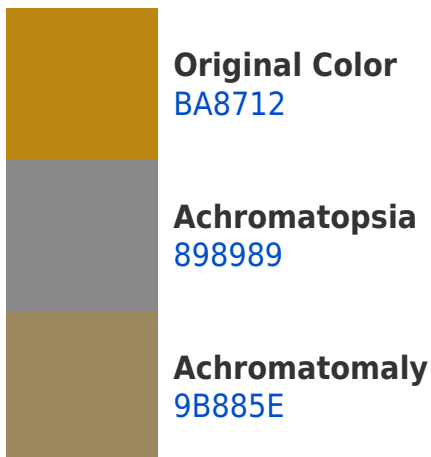


Tritanopia
C07E87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BA8712 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 #BA8712 looks like.

```
.text, #text, p{  
    color:#BA8712  
}
```

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 #BA8712 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA8712
}
```

Border

The CSS property to change the border of an element to Hex BA8712 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
#BA8712 }
```

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

```
.border{ border-color:#BA8712 }
```

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

Here you see how a box with a 4 pixel #BA8712 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA8712; -webkit-box-shadow:4px 4px  
4px 4px #BA8712; box-shadow:4px 4px 4px  
4px #BA8712 }
```

Background

The CSS property to change the background color of an element to Hex BA8712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA8712 }
```

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

```
.background{ background-color:#BA8712 }
```

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