

Converting Colors

Hex(BA9C30)

Have a look what the booklet for
Hex(BA9C30) contains.

Hex(BA9C30)	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(BA9C30)

Conversions

Conversions Part 1

Format	Color
Hex	BA9C30
RGB	186, 156, 48
RGB Percent	73%, 61%, 19%
CMY	0.2706, 0.3882, 0.8118
CMYK	0.00, 0.16, 0.74, 0.27
HSL	47°, 59%, 46%
HSV	47°, 74%, 73%
XYZ	32.6717, 34.4294, 7.7199
YIQ	152.6580, 52.5480, -27.2280

Conversions

Conversions Part 2

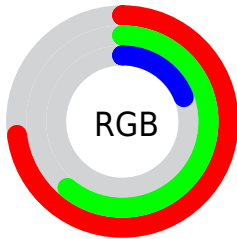
Format	Color
R _Y B	86, 186, 48
Decimal	12229680
CIE Lab	65.30, -0.19, 57.40
CIE LCh	65, 57.399, 90.187
Yxy	34.4294, 0.4367, 0.4602
Android (android.graphics.Color)	4290419760 (0xFFBA9C30)
YUV	152.6580, -51.5964, 29.2409
Hunter-Lab	58.6766, -3.2936, 33.2731

Details

The Hex color **BA9C30** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **304EBA**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **F5D265**, and **816900** is the 20% darker color. If you saturate the color by 10%, you get **BA981D**, and if you desaturate by 10%, it is **BAA043**.

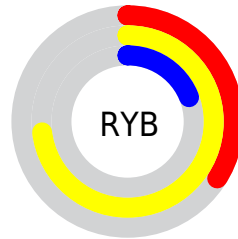
Distribution



Red (73%)

Green (61%)

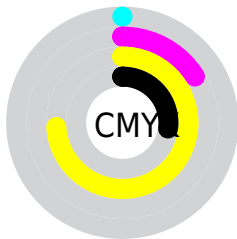
Blue (19%)



Red (34%)

Yellow (73%)

Blue (19%)

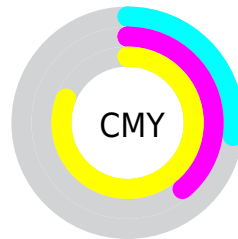


Cyan (0%)

Magenta (16%)

Yellow (74%)

Black (27%)



Cyan (27%)

Magenta (39%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color BA9C30 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 BA9C30 by changing the saturation by 10% instead.

 BA9C30

 BA9C30

FFFFFF

 9D8210

 F5D265

 816900

 FFEE80

 665100

 FFFF9B

 4A3B00

 FFFFB7

 302500

 FFFFD4

 181100

 FFFFF1

 000000

 BA9C30

 BA9C30

 BA981D

 BAA043

 BA940B

 BAA455

 BA9200

 BAA868

 BAAC7A

 BAB08D

 BAB4A0

 BAB8B2

 BABCC5

 BAC0D7

Harmonies

Analogous

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



E28945



BA9C30



86AB40

Triad

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



BA9C30



00B7D1



DD7CD2

Complementary

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



BA9C30



304EBA

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.



A091F8



BA9C30



00B1F7

Square

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



BA9C30



00B79D



19A4FF



FA70A0

Rectangle

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



BA9C30



5BB15A



19A4FF



CD82E1

Sweetspot

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



BA9C30



F2E7BD



BA3050



7A735B



FAFAFA



7A7A7A

Same Dimension

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



BA9C30



F2C31B



95BA30



5C5A53



9C7A00



1C1600

Inverse Universe

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



304EBA



1B4AF2



5530BA



53555C



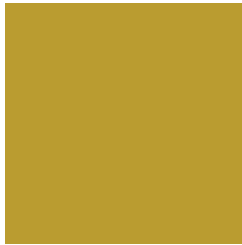
00229C



00061C

Previews

White Background



This preview shows how the Hex color BA9C30 looks on a white background.

Color Contrast Check

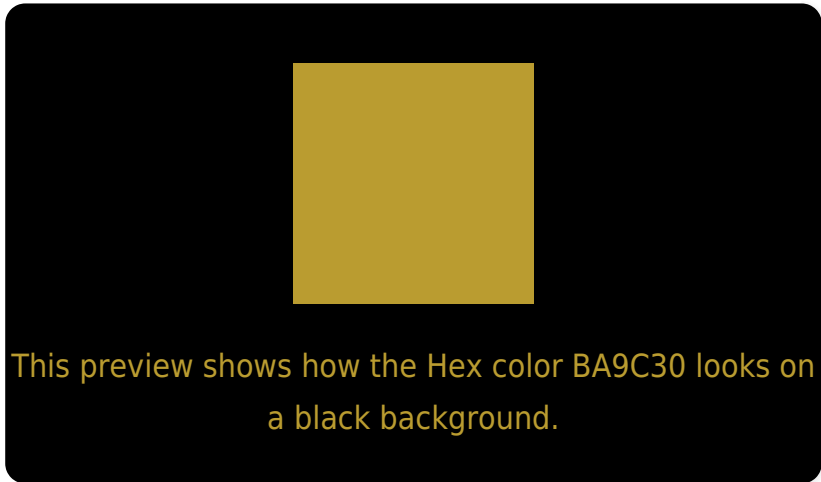
Large Text (above 18pt) WCAG AA × Fail

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 BA9C30 Background



This preview shows how black text looks on a background with the Hex color BA9C30.

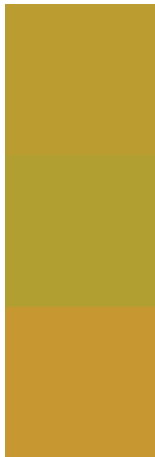


This preview shows how white text looks on a background with the Hex color BA9C30.

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
BA9C30

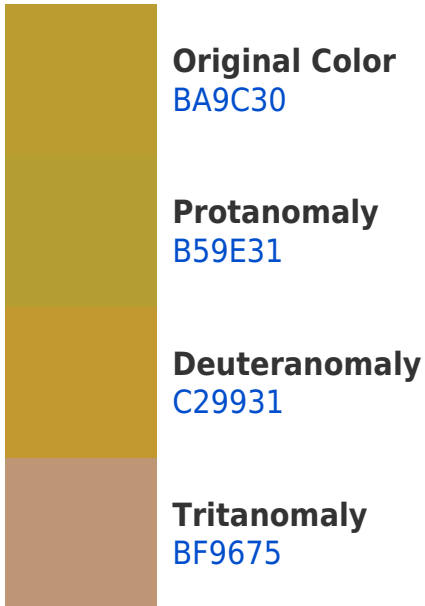
Protanopia
B29F31

Deuteranopia
C79732

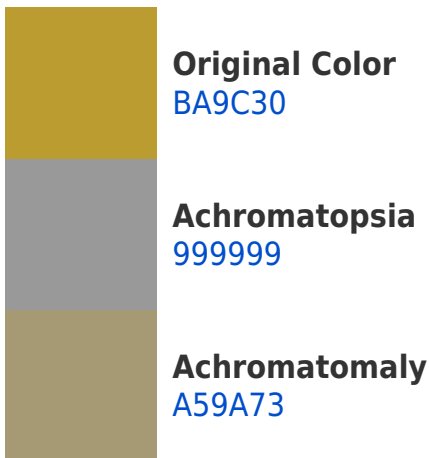


Tritanopia
C2929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BA9C30 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 #BA9C30 looks like.

```
.text, #text, p{  
    color:#BA9C30  
}
```

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 #BA9C30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA9C30
}
```

Border

The CSS property to change the border of an element to Hex BA9C30 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
#BA9C30 }
```

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

```
.border{ border-color:#BA9C30 }
```

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

Here you see how a box with a 4 pixel #BA9C30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA9C30; -webkit-box-shadow:4px 4px  
4px 4px #BA9C30; box-shadow:4px 4px 4px  
4px #BA9C30 }
```

Background

The CSS property to change the background color of an element to Hex BA9C30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA9C30 }
```

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

```
.background{ background-color:#BA9C30 }
```

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