

Converting Colors

Hex(BAC916)

Have a look what the booklet for
Hex(BAC916) contains.

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Color

Hex(BAC916)

Conversions

Conversions Part 1

Format	Color
Hex	BAC916
RGB	186, 201, 22
RGB Percent	73%, 79%, 9%
CMY	0.2706, 0.2118, 0.9137
CMYK	0.07, 0.00, 0.89, 0.21
HSL	65°, 80%, 44%
HSV	65°, 89%, 79%
XYZ	41.2812, 52.2703, 8.6725
YIQ	176.1090, 48.5190, -58.8490

Conversions

Conversions Part 2

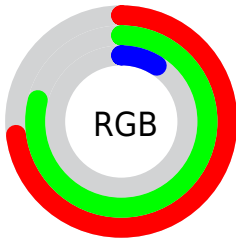
Format	Color
R_{YB}	22, 201, 37
Decimal	12241174
CIE _{Lab}	77.44, -24.12, 75.06
CIE _{LCh}	77, 78.835, 107.812
Yxy	52.2703, 0.4038, 0.5113
Android (android.graphics.Color)	4290431254 (0xFFBAC916)
YUV	176.1090, -75.9757, 8.6744
Hunter-Lab	72.2982, -24.6011, 43.4967

Details

The Hex color **BAC916** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed chartreuse. A complement of this color would be **2516C9**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **F6FF5B**, and **809300** is the 20% darker color. If you saturate the color by 10%, you get **B8C902**, and if you desaturate by 10%, it is **BCC92A**.

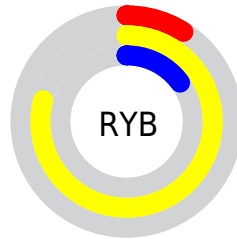
Distribution



Red (73%)

Green (79%)

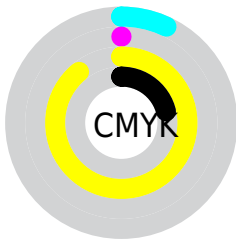
Blue (9%)



Red (9%)

Yellow (79%)

Blue (15%)

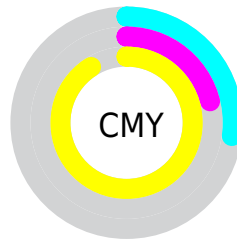


Cyan (7%)

Magenta (0%)

Yellow (89%)

Black (21%)



Cyan (27%)

Magenta (21%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color BAC916 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 BAC916 by changing the saturation by 10% instead.

 BAC916

 BAC916

FFFFFF

 9DAE00

 F6FF5B

 809300

 FFFF77

 647900

 FFFF94

 496100

 FFFFB1

 2D4900

 FFFFCE

 113200

 FFFFEB

 001F00

 000000

 BAC916

 BAC916

 B8C902

 BCC92A

 B8C900

 BDC93E

 BFC952

 C1C966

 C2C97B

 C4C98F

 C6C9A3

 C7C9B7

 C9C9CB

Harmonies

Analogous

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



FCB11A



BAC916



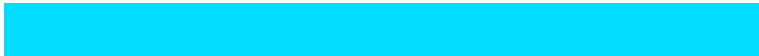
60D856

Triad

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



BAC916



00DDFF



FF7BE0

Complementary

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



BAC916



2516C9

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.



F998FF



BAC916



00D0FF

Square

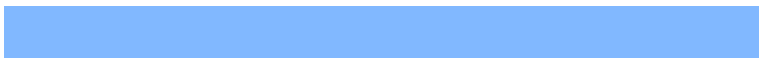
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BAC916



00E2EA



81B8FF



FF7997

Rectangle

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



BAC916



00DE85



81B8FF



FF83F8

Sweetspot

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



BAC916



F9FFBA



C92516



7C8057



000000



808080

Same Dimension

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



BAC916



EAFF00



61C916



63635A



96A300



212400

Inverse Universe

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



2516C9



1500FF



7E16C9



5A5A63



0E00A3



030024

Previews

White Background



This preview shows how the Hex color BAC916 looks on a white background.

Color Contrast Check

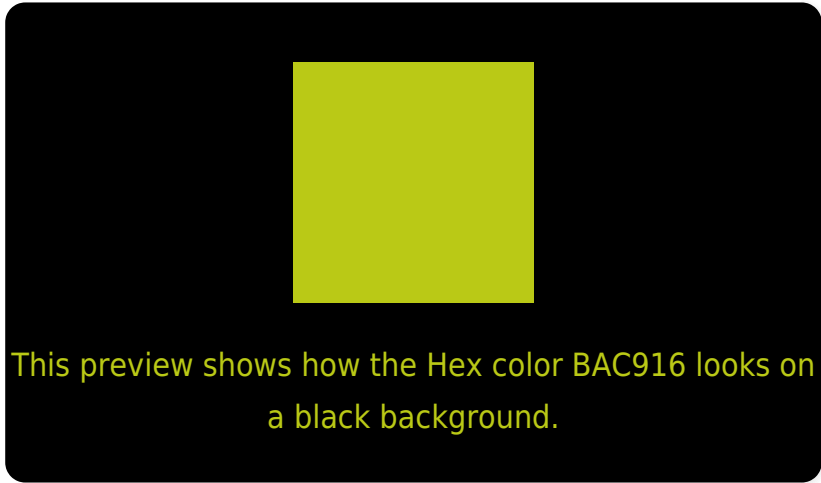
Large Text (above 18pt) WCAG AA × Fail

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 BAC916 Background



This preview shows how black text looks on a background with the Hex color BAC916.



This preview shows how white text looks on a background with the Hex color BAC916.

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
BAC916

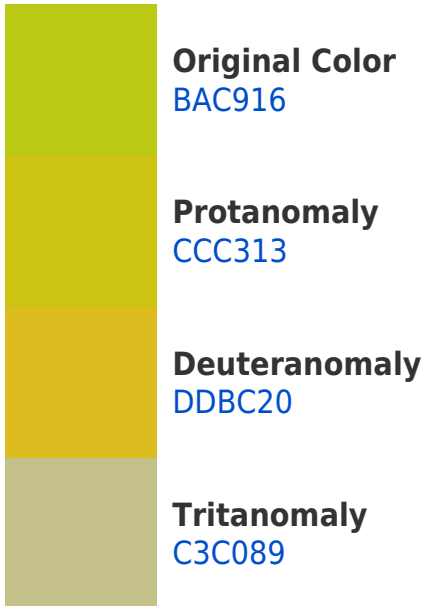
Protanopia
D7C012

Deuteranopia
F1B526

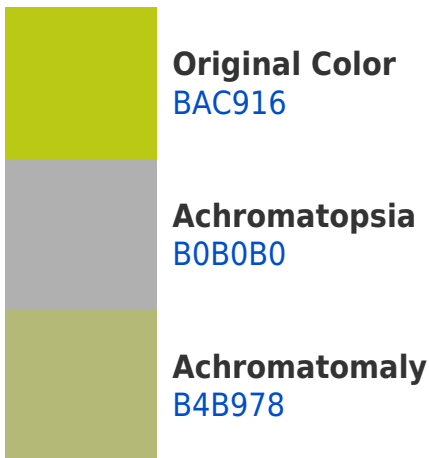


Tritanopia
C8BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BAC916 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 #BAC916 looks like.

```
.text, #text, p{  
    color:#BAC916  
}
```

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 #BAC916 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAC916
}
```

Border

The CSS property to change the border of an element to Hex BAC916 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
#BAC916 }
```

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

```
.border{ border-color:#BAC916 }
```

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

Here you see how a box with a 4 pixel #BAC916 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAC916; -webkit-box-shadow:4px 4px  
4px 4px #BAC916; box-shadow:4px 4px 4px  
4px #BAC916 }
```

Background

The CSS property to change the background color of an element to Hex BAC916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAC916 }
```

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

```
.background{ background-color:#BAC916 }
```

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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