

Converting Colors

Hex(B5A909)

Have a look what the booklet for
Hex(B5A909) contains.

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Color

Hex(B5A909)

Conversions

Conversions Part 1

Format	Color
Hex	B5A909
RGB	181, 169, 9
RGB Percent	71%, 66%, 4%
CMY	0.2902, 0.3373, 0.9647
CMYK	0.00, 0.07, 0.95, 0.29
HSL	56°, 91%, 37%
HSV	56°, 95%, 71%
XYZ	33.2933, 38.2194, 5.8808
YIQ	154.3480, 58.5120, -47.2160

Conversions

Conversions Part 2

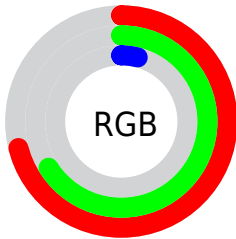
Format	Color
R _Y B	22, 181, 9
Decimal	11905289
CIE Lab	68.18, -10.39, 69.54
CIE LCh	68, 70.314, 98.501
Yxy	38.2194, 0.4302, 0.4938
Android (android.graphics.Color)	4290095369 (0xFFB5A909)
YUV	154.3480, -71.6566, 23.3738
Hunter-Lab	61.8219, -12.0595, 37.6354

Details

The Hex color **B5A909** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0915B5**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **F1E050**, and **7C7500** is the 20% darker color. If you saturate the color by 10%, you get **B5A800**, and if you desaturate by 10%, it is **B5AA1B**.

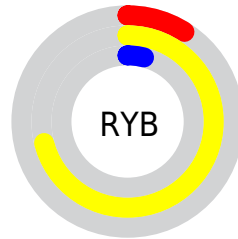
Distribution



Red (71%)

Green (66%)

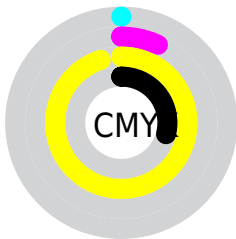
Blue (4%)



Red (9%)

Yellow (71%)

Blue (4%)

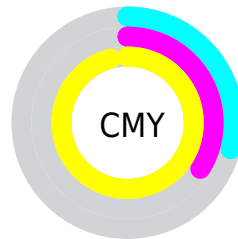


Cyan (0%)

Magenta (7%)

Yellow (95%)

Black (29%)



Cyan (29%)

Magenta (34%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5A909 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 B5A909 by changing the saturation by 10% instead.

 B5A909

 B5A909

FFFFFF

 988F00

 F1E050

 7C7500

 FFFC6C

 605D00


 FFFF88

 454600

 FFFFA4

 2B3000

 FFFFC1

 111B00

 FFFFDE

 000000

 FFFFFB

 B5A909

 B5A909

 B5A800

 B5AA1B

 B5AC2D

 B5AD3F

 B5AE51

 B5AF64

 B5B176

 B5B288

 B5B39A

 B5B4AC

Harmonies

Analogous

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



EA9226



B5A909



70B839

Triad

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



B5A909



00C2F4



FF71D6

Complementary

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



B5A909



0915B5

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.



C08DFF



B5A909



00B9FF

Square

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



B5A909



00C4B7



29A8FF



FF6797

Rectangle

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



B5A909



1BBF60



29A8FF



EF7AEA

Sweetspot

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



B5A909



EBE6A7



B50917



75724C



F5F5F5



757575

Same Dimension

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



B5A909



EBDA00



6DB509



595950



998E00



1A1800

Inverse Universe

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



0915B5



0010EB



5109B5



505159



000B99



00021A

Previews

White Background



This preview shows how the Hex color B5A909 looks on a white background.

Color Contrast Check

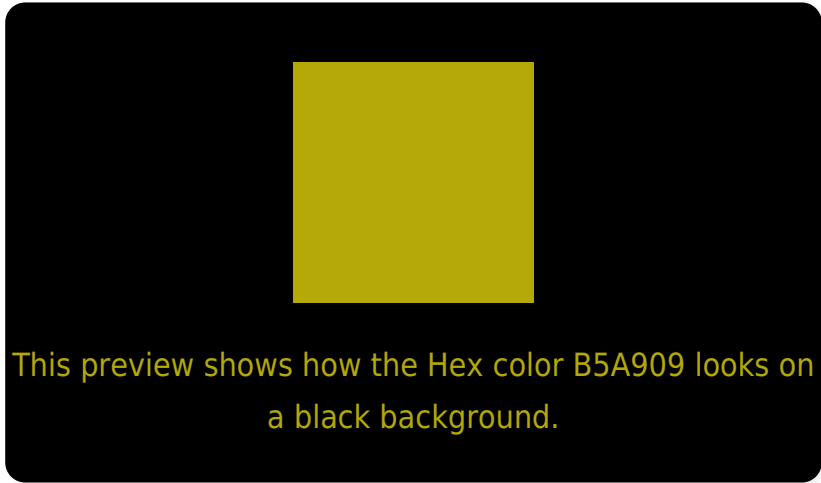
Large Text (above 18pt) WCAG AA × Fail

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 B5A909 Background



This preview shows how black text looks on a background with the Hex color B5A909.

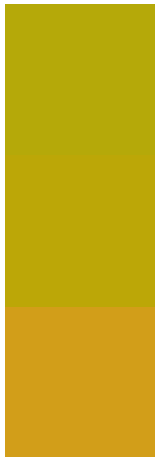


This preview shows how white text looks on a background with the Hex color B5A909.

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
B5A909

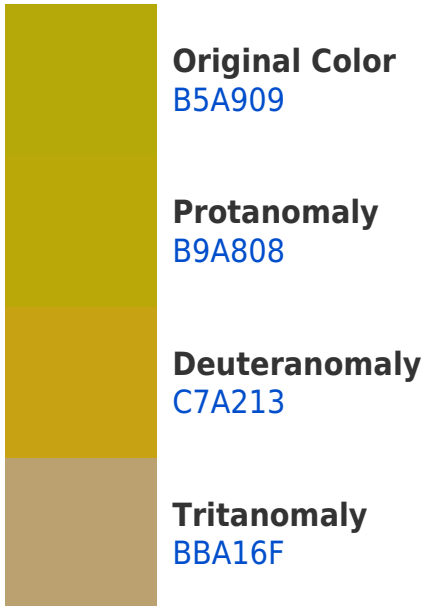
Protanopia
BCA707

Deuteranopia
D29E19

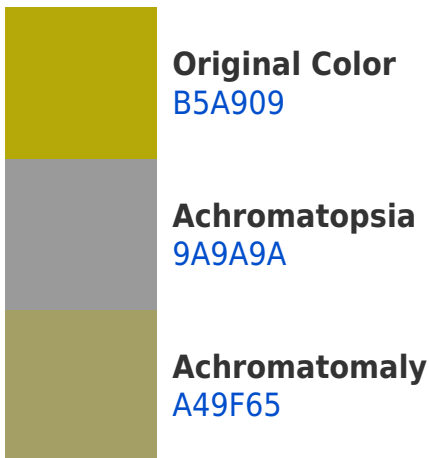


Tritanopia
BF9DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5A909 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 #B5A909 looks like.

```
.text, #text, p{  
    color:#B5A909  
}
```

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 #B5A909 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5A909
}
```

Border

The CSS property to change the border of an element to Hex B5A909 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
#B5A909 }
```

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

```
.border{ border-color:#B5A909 }
```

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

Here you see how a box with a 4 pixel #B5A909 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5A909; -webkit-box-shadow:4px 4px  
4px 4px #B5A909; box-shadow:4px 4px 4px  
4px #B5A909 }
```

Background

The CSS property to change the background color of an element to Hex B5A909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5A909 }
```

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

```
.background{ background-color:#B5A909 }
```

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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