

Converting Colors

Hex(B9A021)

Have a look what the booklet for
Hex(B9A021) contains.

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Color

Hex(B9A021)

Conversions

Conversions Part 1

Format	Color
Hex	B9A021
RGB	185, 160, 33
RGB Percent	73%, 63%, 13%
CMY	0.2745, 0.3725, 0.8706
CMYK	0.00, 0.14, 0.82, 0.27
HSL	50°, 70%, 43%
HSV	50°, 82%, 73%
XYZ	32.8529, 35.5657, 6.5722
YIQ	152.9970, 55.6670, -34.1970

Conversions

Conversions Part 2

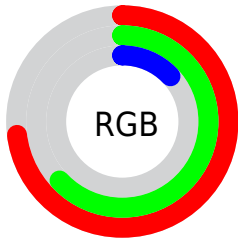
Format	Color
RYB	63, 185, 33
Decimal	12165153
CIELab	66.19, -3.35, 63.25
CIELCh	66, 63.337, 93.036
Yxy	35.5657, 0.4381, 0.4743
Android (android.graphics.Color)	4290355233 (0xFFB9A021)
YUV	152.9970, -59.1585, 28.0666
Hunter-Lab	59.6370, -6.0324, 35.2120

Details

The Hex color **B9A021** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **213AB9**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **F5D65A**, and **806D00** is the 20% darker color. If you saturate the color by 10%, you get **B99D0E**, and if you desaturate by 10%, it is **B9A334**.

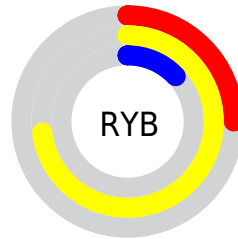
Distribution



Red (73%)

Green (63%)

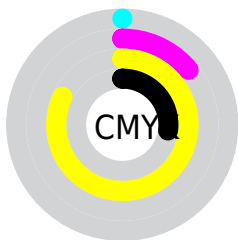
Blue (13%)



Red (25%)

Yellow (73%)

Blue (13%)

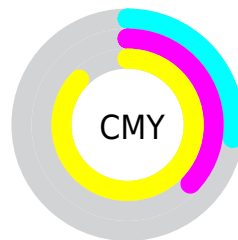


Cyan (0%)

Magenta (14%)

Yellow (82%)

Black (27%)



Cyan (27%)

Magenta (37%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9A021 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 B9A021 by changing the saturation by 10% instead.



B9A021



B9A021

FFFFFF



9C8600



F5D65A



806D00



FFF376



645500



FFFF91



493E00



FFFFAD



2F2900



FFFC9



161500



FFFE6



000000



B9A021




B9A021



B99D0E



B9A334

 B99B00

 B9A646

 B9A959

 B9AC6B

 B9AF7E

 B9B290

 B9B5A3

 B9B8B5

 B9BBC8

Harmonies

Analogous

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



E78B39



B9A021



7FAF39

Triad

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



B9A021



00BBDD



EA77D5

Complementary

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



B9A021



213AB9

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.



AA8FFF



B9A021



00B4FF

Square

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



B9A021



00BCA5



00A6FF



FF6B9D

Rectangle

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



B9A021



4AB659



00A6FF



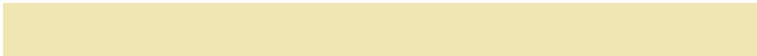
D97FE6

Sweetspot

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



B9A021



F0E6B4



B9213A



787254



F7F7F7



787878

Same Dimension

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



B9A021



F0C902



86B921



5C5A53



9C8200



1C1700

Inverse Universe

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



213AB9



0229F0



5421B9



53545C



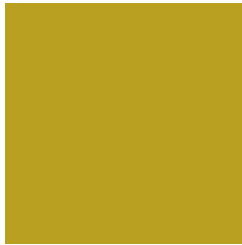
001A9C



00051C

Previews

White Background



This preview shows how the Hex color B9A021 looks on a white background.

Color Contrast Check

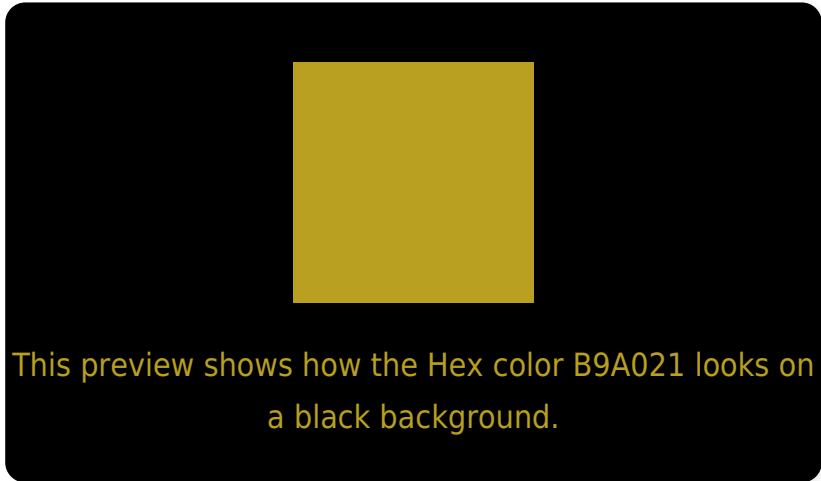
Large Text (above 18pt) WCAG AA × Fail

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 B9A021 Background



This preview shows how black text looks on a background with the Hex color B9A021.



This preview shows how white text looks on a background with the Hex color B9A021.

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
B9A021

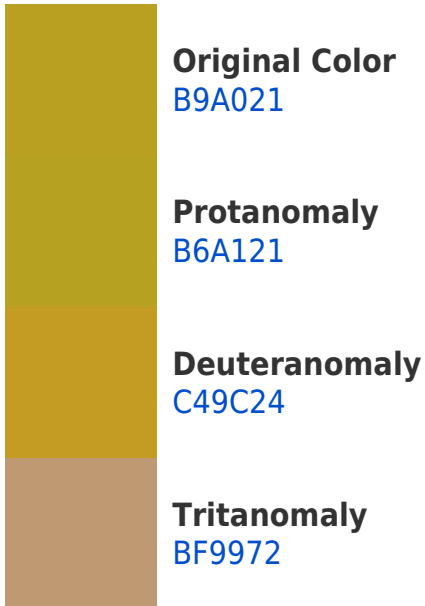
Protanopia
B5A121

Deuteranopia
CB9925

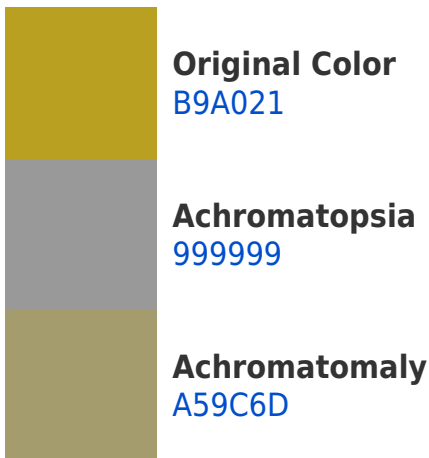


Tritanopia
C295A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B9A021 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 #B9A021 looks like.

```
.text, #text, p{  
    color:#B9A021  
}
```

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 #B9A021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9A021
}
```

Border

The CSS property to change the border of an element to Hex B9A021 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
#B9A021 }
```

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

```
.border{ border-color:#B9A021 }
```

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

Here you see how a box with a 4 pixel #B9A021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9A021; -webkit-box-shadow:4px 4px  
4px 4px #B9A021; box-shadow:4px 4px 4px  
4px #B9A021 }
```

Background

The CSS property to change the background color of an element to Hex B9A021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9A021 }
```

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

```
.background{ background-color:#B9A021 }
```

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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