

Converting Colors

Hex(B0A228)

Have a look what the booklet for
Hex(B0A228) contains.

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Color

Hex(B0A228)

Conversions

Conversions Part 1

Format	Color
Hex	B0A228
RGB	176, 162, 40
RGB Percent	69%, 64%, 16%
CMY	0.3098, 0.3647, 0.8431
CMYK	0.00, 0.08, 0.77, 0.31
HSL	54°, 63%, 42%
HSV	54°, 77%, 69%
XYZ	31.2078, 35.2240, 7.1616
YIQ	152.2780, 47.5060, -34.9740

Conversions

Conversions Part 2

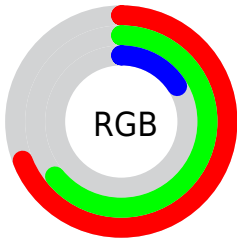
Format	Color
RYB	56, 176, 40
Decimal	11575848
CIELab	65.92, -8.17, 60.51
CIElCh	66, 61.063, 97.693
Yxy	35.2240, 0.4241, 0.4786
Android (android.graphics.Color)	4289765928 (0xFFB0A228)
YUV	152.2780, -55.3531, 20.8042
Hunter-Lab	59.3498, -10.0017, 34.3905

Details

The Hex color **B0A228** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2836B0**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **EBD95F**, and **786F00** is the 20% darker color. If you saturate the color by 10%, you get **B0A016**, and if you desaturate by 10%, it is **B0A43A**.

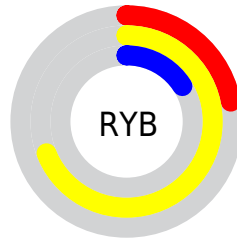
Distribution



Red (69%)

Green (64%)

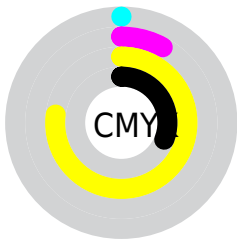
Blue (16%)



Red (22%)

Yellow (69%)

Blue (16%)

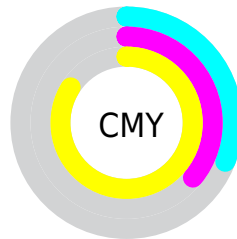


Cyan (0%)

Magenta (8%)

Yellow (77%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0A228 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 B0A228 by changing the saturation by 10% instead.



B0A228



B0A228

FFFFFF



938800



EBD95F



786F00



FFF57A



5D5700



FFFF96



424000



FFFFB2



282A00



FFFCE



0C1600



FFFEB



000000



B0A228




B0A228




B0A016



B0A43A

 B09E05

 B0A64B

 B09E00

 B0A75D

 B0A96E

 B0AB80

 B0AD92

 B0AFA3

 B0B0B5

 B0B2C6

Harmonies

Analogous

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



DE8E37



B0A228



76B043

Triad

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



B0A228



00B9E2



ED76CB

Complementary

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



B0A228



2836B0

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.



B58CF7



B0A228



00B1FF

Square

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



B0A228



00BBAD



47A2FF



FF6D94

Rectangle

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



B0A228



3DB663



47A2FF



DF7CDC

Sweetspot

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



B0A228



E6E0B1



B02838



736F53



F2F2F2



737373

Same Dimension

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



B0A228



E6D010



7CB028



595850



998900



1A1700

Inverse Universe

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



2836B0



1026E6



5C28B0



505159



001099



00031A

Previews

White Background



This preview shows how the Hex color B0A228 looks on a white background.

Color Contrast Check

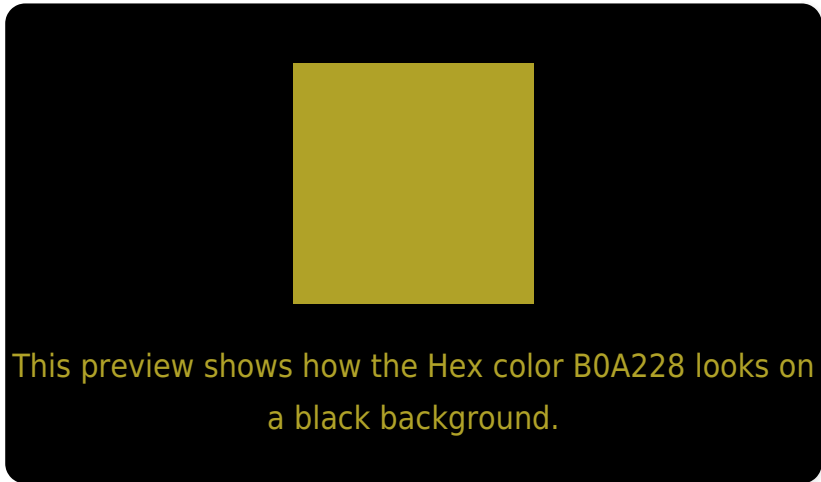
Large Text (above 18pt) WCAG AA × Fail

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 B0A228 Background



This preview shows how black text looks on a background with the Hex color B0A228.



This preview shows how white text looks on a background with the Hex color B0A228.

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
B0A228

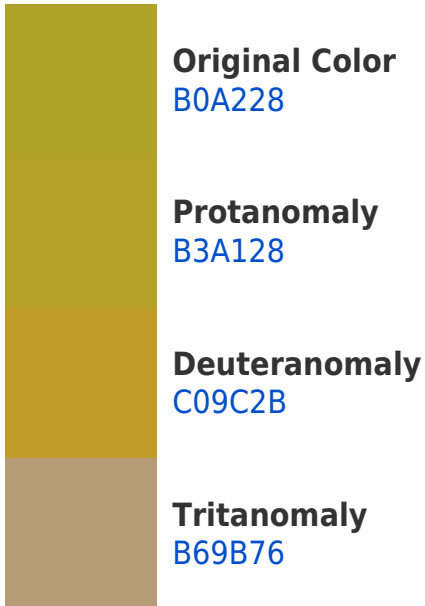
Protanopia
B4A128

Deuteranopia
C9982D

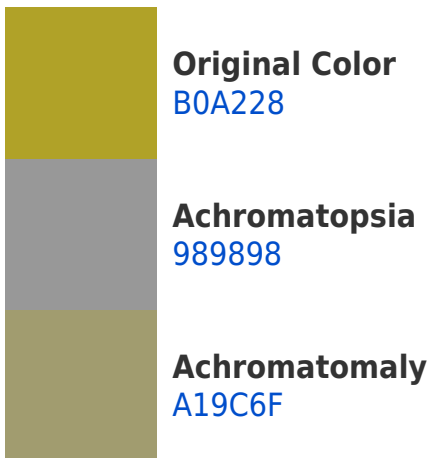


Tritanopia
B997A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0A228 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 #B0A228 looks like.

```
.text, #text, p{  
    color:#B0A228  
}
```

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 #B0A228 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0A228  
}
```

Border

The CSS property to change the border of an element to Hex B0A228 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  
#B0A228 }
```

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

```
.border{ border-color:#B0A228 }
```

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

Here you see how a box with a 4 pixel #B0A228 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0A228; -webkit-box-shadow:4px 4px  
4px 4px #B0A228; box-shadow:4px 4px 4px  
4px #B0A228 }
```

Background

The CSS property to change the background color of an element to Hex B0A228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0A228 }
```

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

```
.background{ background-color:#B0A228 }
```

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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