

Converting Colors

Hex(B2AA25)

Have a look what the booklet for
Hex(B2AA25) contains.

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Color

Hex(B2AA25)

Conversions

Conversions Part 1

Format	Color
Hex	B2AA25
RGB	178, 170, 37
RGB Percent	70%, 67%, 15%
CMY	0.3020, 0.3333, 0.8549
CMYK	0.00, 0.04, 0.79, 0.30
HSL	57°, 66%, 42%
HSV	57°, 79%, 70%
XYZ	33.0688, 38.3480, 7.4093
YIQ	157.2300, 47.4610, -39.6670

Conversions

Conversions Part 2

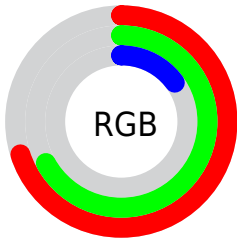
Format	Color
RYB	45, 178, 37
Decimal	11708965
CIELab	68.28, -11.59, 63.65
CIElCh	68, 64.699, 100.324
Yxy	38.3480, 0.4195, 0.4865
Android (android.graphics.Color)	4289899045 (0xFFB2AA25)
YUV	157.2300, -59.2734, 18.2153
Hunter-Lab	61.9258, -13.0499, 36.2541

Details

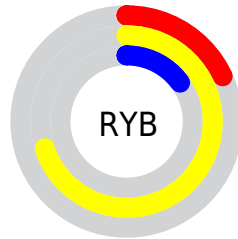
The Hex color **B2AA25** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **252DB2**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **EDE15E**, and **797600** is the 20% darker color. If you saturate the color by 10%, you get **B2A913**, and if you desaturate by 10%, it is **B2AB37**.

Distribution



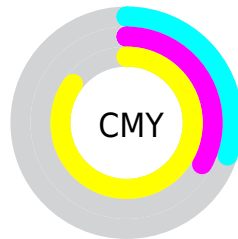
- Red (70%)
- Green (67%)
- Blue (15%)



- Red (18%)
- Yellow (70%)
- Blue (15%)



- Cyan (0%)
- Magenta (4%)
- Yellow (79%)
- Black (30%)



- Cyan (30%)
- Magenta (33%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2AA25 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 B2AA25 by changing the saturation by 10% instead.

 B2AA25

 B2AA25

FFFFFF

 959000

 EDE15E

 797600

 FFFE7A

 5E5E00

 FFFF95

 434600

 FFFFB1

 293000

 FFFFCE

 0F1C00

 FFFFEB

 000000

 B2AA25

 B2AA25

 B2A913

 B2AB37

 B2A801

 B2AC49

 B2A800

 B2AD5A

 B2AE6C

 B2AF7E

 B2B090

 B2B1A2

 B2B2B3

 B2B3C5

Harmonies

Analogous

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



E49532



B2AA25



72B847

Triad

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



B2AA25



00C0F1



FC77CF

Complementary

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



B2AA25



252DB2

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.



C38EFF



B2AA25



00B7FF

Square

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



B2AA25



00C3BA



54A6FF



FF6F95

Rectangle

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



B2AA25



2CBE6A



54A6FF



ED7EE1

Sweetspot

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



B2AA25



E8E5B0



B2252E



757353



F5F5F5



757575

Same Dimension

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



B2AA25



E8DC0C



75B225



595950



999000



1A1800

Inverse Universe

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



252DB2



0C18E8



6225B2



505159



000999



00011A

Previews

White Background



This preview shows how the Hex color B2AA25 looks on a white background.

Color Contrast Check

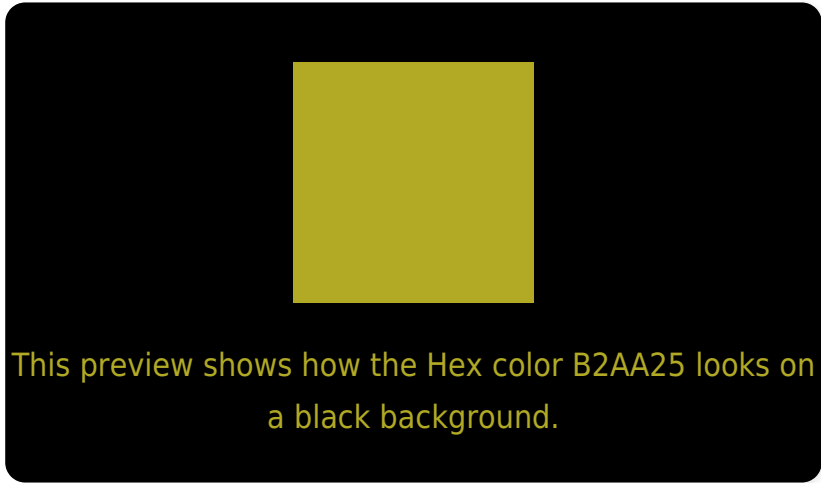
Large Text (above 18pt) WCAG AA × Fail

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 B2AA25 Background



This preview shows how black text looks on a background with the Hex color B2AA25.



This preview shows how white text looks on a background with the Hex color B2AA25.

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
B2AA25

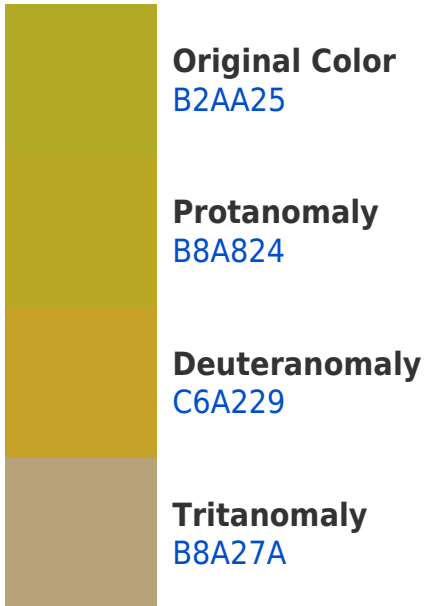
Protanopia
BBA724

Deuteranopia
D19E2B

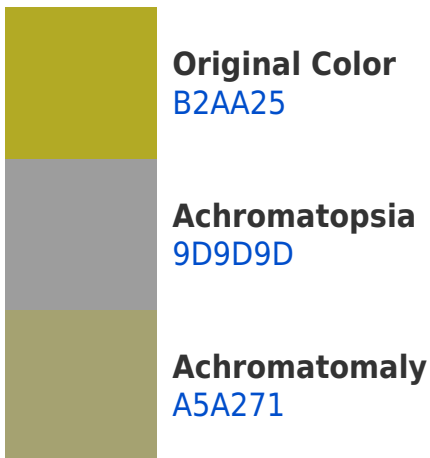


Tritanopia
BC9EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2AA25 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 #B2AA25 looks like.

```
.text, #text, p{  
    color:#B2AA25  
}
```

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 #B2AA25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2AA25
}
```

Border

The CSS property to change the border of an element to Hex B2AA25 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
#B2AA25 }
```

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

```
.border{ border-color:#B2AA25 }
```

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

Here you see how a box with a 4 pixel #B2AA25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2AA25; -webkit-box-shadow:4px 4px  
4px 4px #B2AA25; box-shadow:4px 4px 4px  
4px #B2AA25 }
```

Background

The CSS property to change the background color of an element to Hex B2AA25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2AA25 }
```

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

```
.background{ background-color:#B2AA25 }
```

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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