

# Converting Colors

Hex(B2A608)

Have a look what the booklet for  
Hex(B2A608) contains.

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# Color

**Hex(B2A608)**

# Conversions

Conversions Part 1	
Format	Color
Hex	B2A608
RGB	178, 166, 8
RGB Percent	70%, 65%, 3%
CMY	0.3020, 0.3490, 0.9686
CMYK	0.00, 0.07, 0.96, 0.30
HSL	56°, 91%, 36%
HSV	56°, 96%, 70%
XYZ	32.0401, 36.7549, 5.6354
YIQ	151.5760, 57.8700, -46.5940

# Conversions

## Conversions Part 2

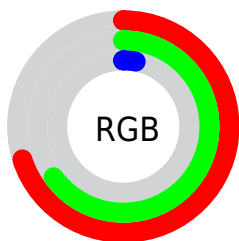
Format	Color
<a href="#">RYB</a>	<a href="#">21, 178, 8</a>
Decimal	<a href="#">11707912</a>
CIELab	<a href="#">67.09, -10.18, 68.73</a>
CIELCh	<a href="#">67, 69.479, 98.423</a>
Yxy	<a href="#">36.7549, 0.4305, 0.4938</a>
Android (android.graphics.Color)	<a href="#">4289897992</a> (0xFFB2A608)
YUV	<a href="#">151.5760, -70.7830, 23.1738</a>
Hunter-Lab	<a href="#">60.6259, -11.7598, 36.9268</a>

# Details

The Hex color **B2A608** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0814B2**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **EDDD4F**, and **797300** is the 20% darker color. If you saturate the color by 10%, you get **B2A500**, and if you desaturate by 10%, it is **B2A71A**.

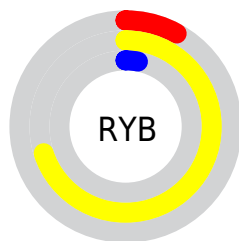
# Distribution



Red (70%)

Green (65%)

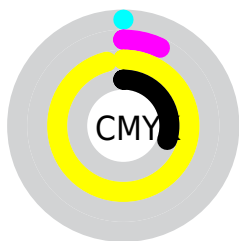
Blue (3%)



Red (8%)

Yellow (70%)

Blue (3%)

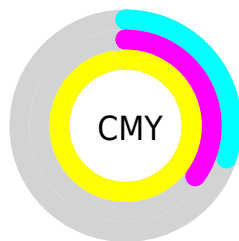


Cyan (0%)

Magenta (7%)

Yellow (96%)

Black (30%)



Cyan (30%)

Magenta (35%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2A608 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 B2A608 by changing the saturation by 10% instead.





B2A608



B2A608

FFFFFF



958C00



EDDD4F



797300



FFF96B



5D5A00



FFFF87



424300



FFFFA3



282D00



FFFFBF



0D1900



FFFDC



000000



FFFFFA



B2A608



B2A608

 B2A500

 B2A71A

 B2A92C

 B2AA3D

 B2AB4F

 B2AC61

 B2AE73

 B2AF85

 B2B096

 B2B1A8

# Harmonies

## Analogous

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



E68F26



B2A608



6FB538

# Triad

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



B2A608



00BFF0



FC6FD3

# Complementary

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



B2A608



0814B2

# Split Complementary

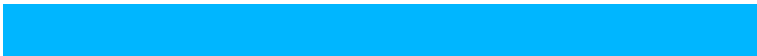
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



BC8BFF



B2A608



00B6FF

# Square

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



B2A608



00C1B4



27A5FF



FF6594

# Rectangle

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



B2A608



1ABB5E



27A5FF



EB78E6



# Sweetspot

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



B2A608



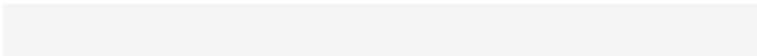
E8E3A5



B20816



75724C



F5F5F5



757575



# Same Dimension

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



B2A608



E8D800



6BB208



595950



998E00



1A1800



# Inverse Universe

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



0814B2



0010E8



4F08B2



505159



000B99

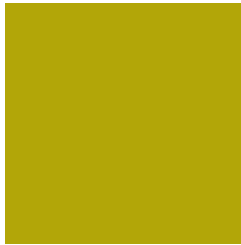


00021A



# Previews

## White Background



This preview shows how the Hex color B2A608 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



This preview shows how the Hex color B2A608 looks on a 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 B2A608 Background



This preview shows how black text looks on a background with the Hex color B2A608.

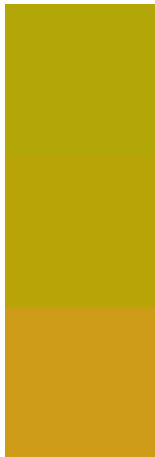


This preview shows how white text looks on a background with the Hex color B2A608.

# 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**  
B2A608

**Protanopia**  
B8A406

**Deuteranopia**  
CE9B18

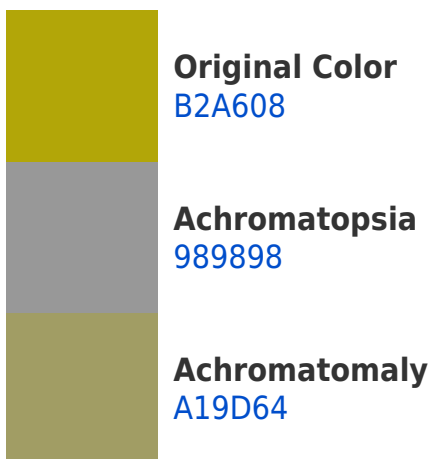


**Tritanopia**  
BC9AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2A608 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 #B2A608 looks like.

```
.text, #text, p{  
    color:#B2A608  
}
```

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 #B2A608 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2A608
}
```

## Border

The CSS property to change the border of an element to Hex B2A608 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
#B2A608 }
```

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

```
.border{ border-color:#B2A608 }
```

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

Here you see how a box with a 4 pixel #B2A608 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2A608; -webkit-box-shadow:4px 4px  
4px 4px #B2A608; box-shadow:4px 4px 4px  
4px #B2A608 }
```

# Background

The CSS property to change the background color of an element to Hex B2A608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2A608 }
```

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

```
.background{ background-color:#B2A608 }
```

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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