

# Converting Colors

Hex(B1A348)

Have a look what the booklet for  
Hex(B1A348) contains.

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**Color**

**Hex(B1A348)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1A348
RGB	177, 163, 72
RGB Percent	69%, 64%, 28%
CMY	0.3059, 0.3608, 0.7176
CMYK	0.00, 0.08, 0.59, 0.31
HSL	52°, 42%, 49%
HSV	52°, 59%, 69%
XYZ	32.3984, 36.0094, 11.3738
YIQ	156.8120, 37.5550, -25.3330

# Conversions

## Conversions Part 2

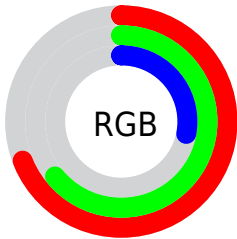
Format	Color
<a href="#">RYB</a>	<a href="#">88, 177, 72</a>
Decimal	<a href="#">11641672</a>
CIELab	<a href="#">66.53, -6.45, 48.10</a>
CIELCh	<a href="#">67, 48.527, 97.635</a>
Yxy	<a href="#">36.0094, 0.4061, 0.4513</a>
Android (android.graphics.Color)	<a href="#">4289831752</a> ( <a href="#">0xFFB1A348</a> )
YUV	<a href="#">156.8120, -41.8123, 17.7049</a>
Hunter-Lab	<a href="#">60.0078, -8.6411, 30.7677</a>

# Details

The Hex color **B1A348** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4856B1**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **EBDA7C**, and **7A7013** is the 20% darker color. If you saturate the color by 10%, you get **B1A136**, and if you desaturate by 10%, it is **B1A55A**.

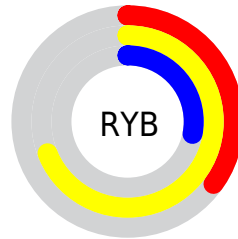
# Distribution



Red (69%)

Green (64%)

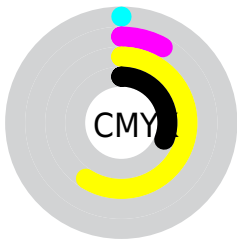
Blue (28%)



Red (35%)

Yellow (69%)

Blue (28%)

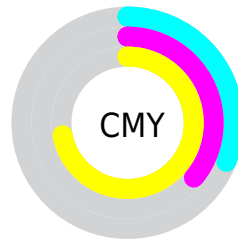


Cyan (0%)

Magenta (8%)

Yellow (59%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1A348 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 B1A348 by changing the saturation by 10% instead.





B1A348



B1A348

FFFFFF



95892E



EBDA7C



7A7013



FFF696



5F5700



FFFFB2



464000



FFFCE



2C2B00



FFFEB



121700



000000



B1A348



B1A348



B1A136



B1A55A

 B19E25

 B1A86B

 B19C13

 B1AA7D

 B19A01

 B1AC8F

 B19900

 B1AFA1

 B1B1B2

 B1B4C4

 B1B6D6

 B1B8E7

# Harmonies

## Analogous

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



D69451



B1A348



82AF5A

# Triad

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



B1A348



00B6D6



E083C4

# Complementary

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



B1A348



4856B1

# 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.



B492E7



B1A348



00AFF2

# Square

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



B1A348



00B8AC



6CA3F8



F37D98

# Rectangle

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



B1A348



5CB471



6CA3F8



D487D1



# Sweetspot

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



B1A348



E6E0BC



B14856



736F5A



F2F2F2



737373



# Same Dimension

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



B1A348



E6D043



8BB148



595850



998500



1A1600



# Inverse Universe

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



4856B1



4358E6



6E48B1



505259



001499



00031A



# Previews

## White Background



This preview shows how the Hex color B1A348 looks on a white background.

## Color Contrast Check

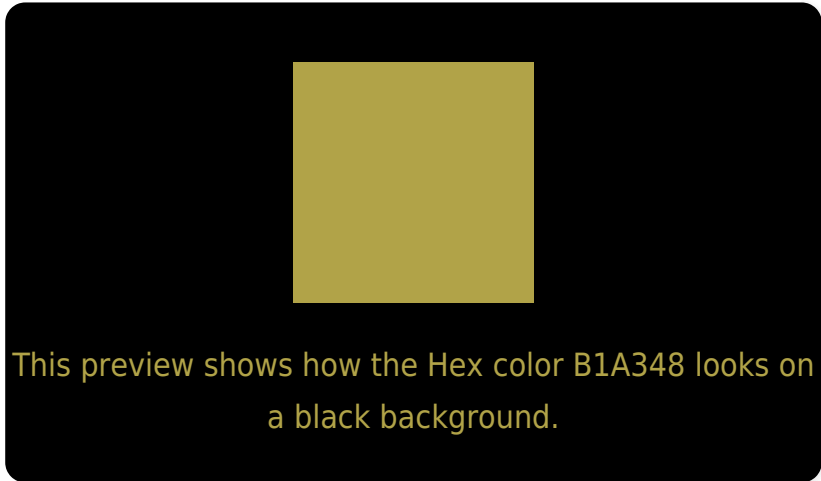
Large Text (above 18pt) WCAG AA × Fail

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 B1A348 Background



This preview shows how black text looks on a background with the Hex color B1A348.



This preview shows how white text looks on a background with the Hex color B1A348.

# 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**  
B1A348

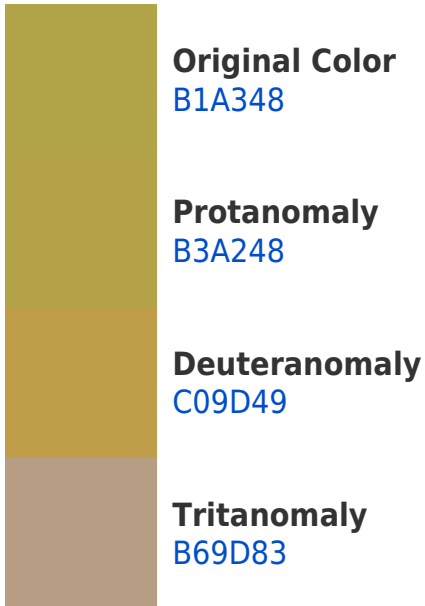
**Protanopia**  
B4A248

**Deuteranopia**  
C89A4A

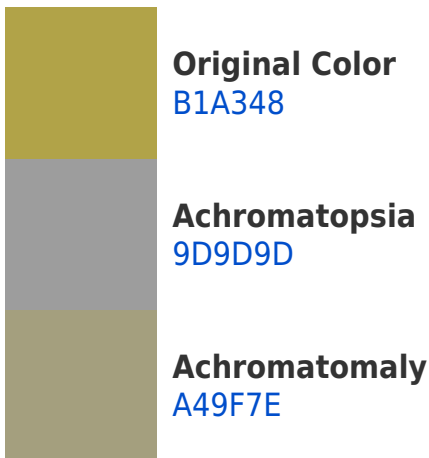


**Tritanopia**  
B999A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1A348 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 #B1A348 looks like.

```
.text, #text, p{  
    color:#B1A348  
}
```

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 #B1A348 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1A348
}
```

## Border

The CSS property to change the border of an element to Hex B1A348 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
#B1A348 }
```

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

```
.border{ border-color:#B1A348 }
```

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

Here you see how a box with a 4 pixel #B1A348 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1A348; -webkit-box-shadow:4px 4px  
4px 4px #B1A348; box-shadow:4px 4px 4px  
4px #B1A348 }
```

# Background

The CSS property to change the background color of an element to Hex B1A348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1A348 }
```

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

```
.background{ background-color:#B1A348 }
```

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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