

Converting Colors

Hex(B1A417)

Have a look what the booklet for
Hex(B1A417) contains.

Hex(B1A417)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B1A417)

Conversions

Conversions Part 1

Format	Color
Hex	B1A417
RGB	177, 164, 23
RGB Percent	69%, 64%, 9%
CMY	0.3059, 0.3569, 0.9098
CMYK	0.00, 0.07, 0.87, 0.31
HSL	55°, 77%, 39%
HSV	55°, 87%, 69%
XYZ	31.5616, 35.9599, 6.0881
YIQ	151.8130, 53.0090, -41.0950

Conversions

Conversions Part 2

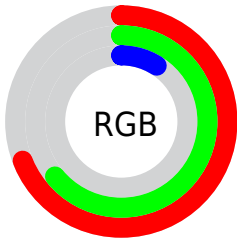
Format	Color
RYB	37, 177, 23
Decimal	11641879
CIELab	66.49, -9.32, 65.74
CIElCh	66, 66.402, 98.066
Yxy	35.9599, 0.4288, 0.4885
Android (android.graphics.Color)	4289831959 (0xFFB1A417)
YUV	151.8130, -63.5048, 22.0890
Hunter-Lab	59.9666, -10.9935, 35.9572

Details


The Hex color **B1A417** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1724B1**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **ECDB55**, and **787100** is the 20% darker color. If you saturate the color by 10%, you get **B1A305**, and if you desaturate by 10%, it is **B1A529**.

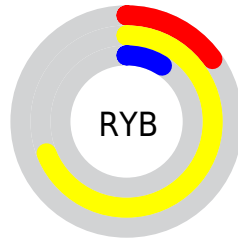
Distribution



 Red (69%)

 Green (64%)

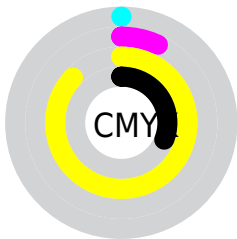
 Blue (9%)



 Red (15%)

 Yellow (69%)

 Blue (9%)

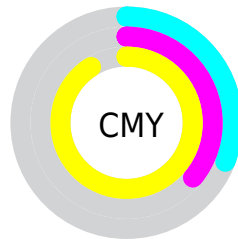


 Cyan (0%)

 Magenta (7%)

 Yellow (87%)

 Black (31%)



 Cyan (31%)

 Magenta (36%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1A417 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 B1A417 by changing the saturation by 10% instead.

 B1A417

 B1A417

FFFFFF

 948A00

 ECDB55

 787100

 FFF770

 5D5800

 FFFF8C

 424100

 FFFFA8

 282C00

 FFFFC4

 0C1800

 FFFFE1

 000000

 B1A417

 B1A417

 B1A305

 B1A529

 B1A200

 B1A73A

 B1A84C

 B1AA5E

 B1AB70

 B1AD81

 B1AE93

 B1B0A5

 B1B1B6

Harmonies

Analogous

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



E38E2C



B1A417



71B33C

Triad

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



B1A417



00BCEA



F671D0

Complementary

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



B1A417



1724B1

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.



B98BFF



B1A417



00B4FF

Square

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



B1A417



00BEB1



34A3FF



FF6794

Rectangle

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



B1A417



2BB95F



34A3FF



E679E2

Sweetspot

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



B1A417



E6E0AA



B11726



73704F



F2F2F2



737373

Same Dimension

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



B1A417



E6D200



73B117



595850



998C00



1A1700

Inverse Universe

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



1724B1



0013E6



5517B1



505159



000D99



00021A

Previews

White Background



This preview shows how the Hex color B1A417 looks on a white background.

Color Contrast Check

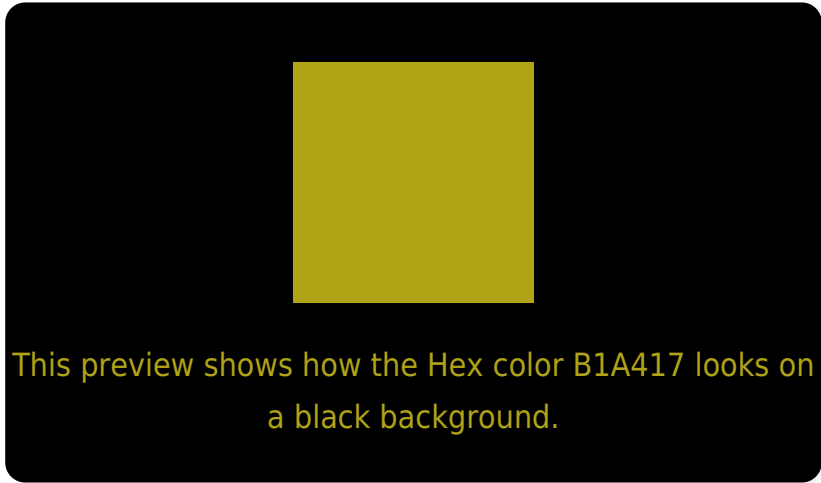
Large Text (above 18pt) WCAG AA × Fail

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 B1A417 Background



This preview shows how black text looks on a background with the Hex color B1A417.



This preview shows how white text looks on a background with the Hex color B1A417.

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
B1A417

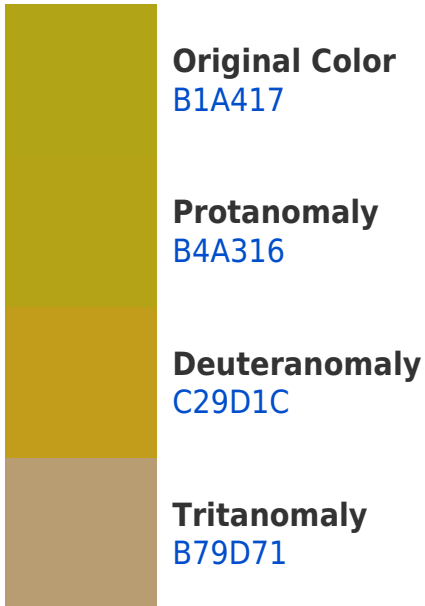
Protanopia
B6A216

Deuteranopia
CC991F

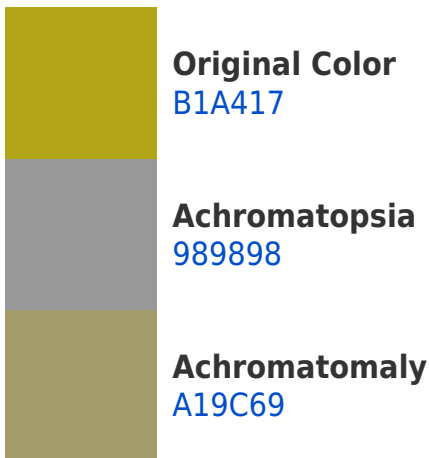


Tritanopia
BB99A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1A417 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 #B1A417 looks like.

```
.text, #text, p{  
    color:#B1A417  
}
```

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 #B1A417 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1A417
}
```

Border

The CSS property to change the border of an element to Hex B1A417 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
#B1A417 }
```

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

```
.border{ border-color:#B1A417 }
```

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

Here you see how a box with a 4 pixel #B1A417 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1A417; -webkit-box-shadow:4px 4px  
4px 4px #B1A417; box-shadow:4px 4px 4px  
4px #B1A417 }
```

Background

The CSS property to change the background color of an element to Hex B1A417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1A417 }
```

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

```
.background{ background-color:#B1A417 }
```

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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