

Converting Colors

Hex(A1B940)

Have a look what the booklet for
Hex(A1B940) contains.

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Color

Hex(A1B940)

Conversions

Conversions Part 1

Format	Color
Hex	A1B940
RGB	161, 185, 64
RGB Percent	63%, 73%, 25%
CMY	0.3686, 0.2745, 0.7490
CMYK	0.13, 0.00, 0.65, 0.27
HSL	72°, 49%, 49%
HSV	72°, 65%, 73%
XYZ	32.9723, 42.6452, 11.3440
YIQ	164.0300, 24.5370, -42.7190

Conversions

Conversions Part 2

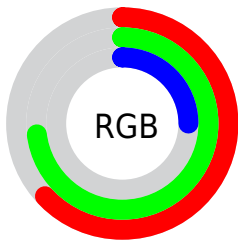
Format	Color
RYB	64, 185, 88
Decimal	10598720
CIELab	71.31, -25.03, 56.43
CIElCh	71, 61.732, 113.918
Yxy	42.6452, 0.3792, 0.4904
Android (android.graphics.Color)	4288788800 (0xFFA1B940)
YUV	164.0300, -49.3148, -2.6573
Hunter-Lab	65.3033, -24.1541, 35.4129

Details

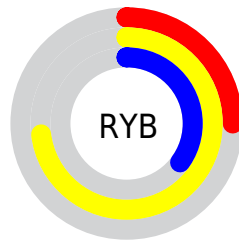
The Hex color **A1B940** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **5840B9**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **DAF176**, and **6A8400** is the 20% darker color. If you saturate the color by 10%, you get **9DB92E**, and if you desaturate by 10%, it is **A5B952**.

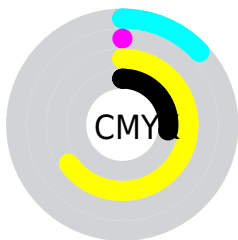
Distribution



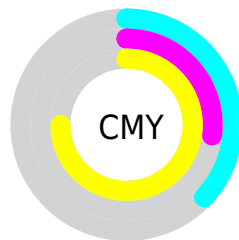
- Red (63%)
- Green (73%)
- Blue (25%)



- Red (25%)
- Yellow (73%)
- Blue (35%)



- Cyan (13%)
- Magenta (0%)
- Yellow (65%)
- Black (27%)



- Cyan (37%)
- Magenta (27%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color A1B940 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 A1B940 by changing the saturation by 10% instead.



A1B940



A1B940

FFFFFF



859E24



DAF176



6A8400



F8FF91



4F6B00



FFFFAC



365200



FFFFC9



1A3B00



FFFFEE



002500



000900



000000



A1B940



A1B940

 9DB92E

 A5B952

 9AB91B

 A8B965

 96B908

 ACB978

 94B900

 B0B98A

 B3B99D

 B7B9AF

 BBB9C2

 BEB9D4

 C2B9E6

Harmonies

Analogous

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



D7A837



A1B940



59C469

Triad

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



A1B940



00C5FF



FF7DBD

Complementary

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



A1B940



5840B9

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.



E88DF2



A1B940



00B8FF

Square

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



A1B940



00CADB



9DA4FF



FF7F84

Rectangle

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



A1B940



00C88D



9DA4FF



FF80CF

Sweetspot

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



A1B940



E6F0C0



B95640



72785B



F7F7F7



787878

Same Dimension

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



A1B940



CBF035



66B940



5A5C53



7D9C00



161C00

Inverse Universe

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



5840B9



5A35F0



9340B9



54535C



1F009C



06001C

Previews

White Background



This preview shows how the Hex color A1B940 looks on a white background.

Color Contrast Check

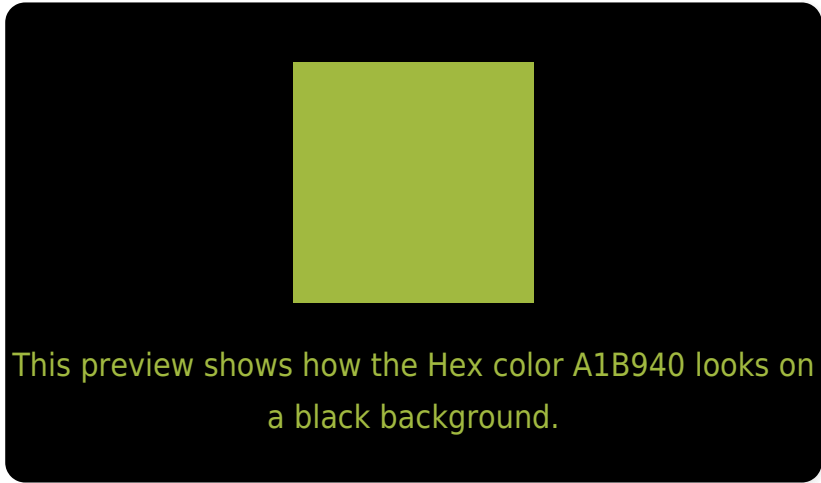
Large Text (above 18pt) WCAG AA × Fail

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 A1B940 Background



This preview shows how black text looks on a background with the Hex color A1B940.

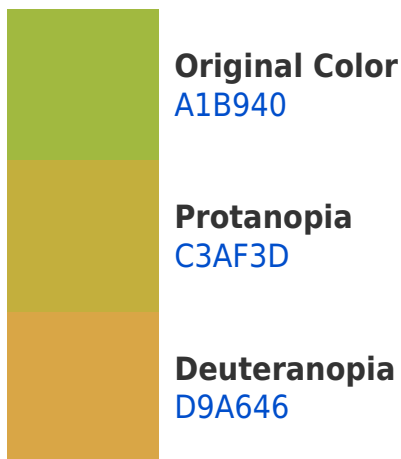


This preview shows how white text looks on a background with the Hex color A1B940.

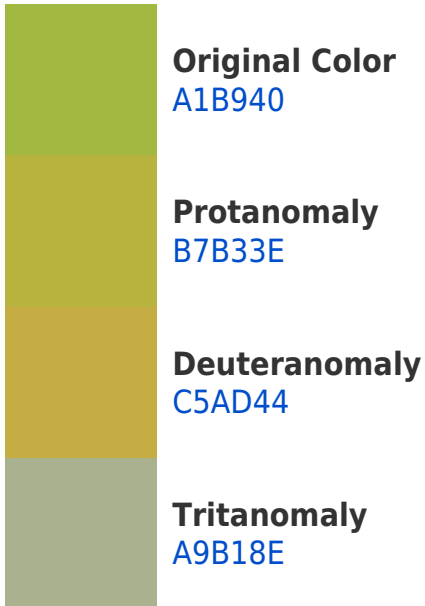
Color Blindness Simulation

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](#).

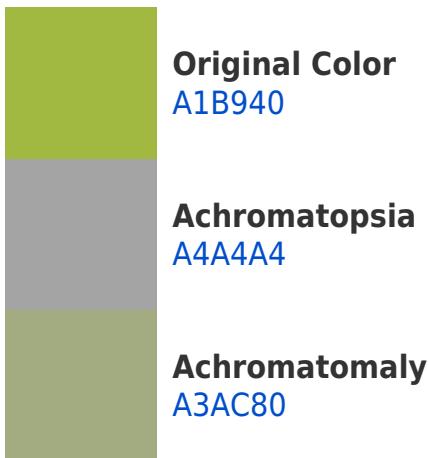
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A1B940 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 #A1B940 looks like.

```
.text, #text, p{  
    color:#A1B940  
}
```

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 #A1B940 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1B940  
}
```

Border

The CSS property to change the border of an element to Hex A1B940 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  
#A1B940 }
```

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

```
.border{ border-color:#A1B940 }
```

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

Here you see how a box with a 4 pixel #A1B940 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1B940; -webkit-box-shadow:4px 4px  
4px 4px #A1B940; box-shadow:4px 4px 4px  
4px #A1B940 }
```

Background

The CSS property to change the background color of an element to Hex A1B940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1B940 }
```

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

```
.background{ background-color:#A1B940 }
```

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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