

# Converting Colors

Hex(A1901B)

Have a look what the booklet for  
Hex(A1901B) contains.

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**Color**

**Hex(A1901B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A1901B
RGB	161, 144, 27
RGB Percent	63%, 56%, 11%
CMY	0.3686, 0.4353, 0.8941
CMYK	0.00, 0.11, 0.83, 0.37
HSL	52°, 71%, 37%
HSV	52°, 83%, 63%
XYZ	24.8690, 27.6027, 5.0540
YIQ	135.7450, 47.6890, -32.7830

# Conversions

## Conversions Part 2

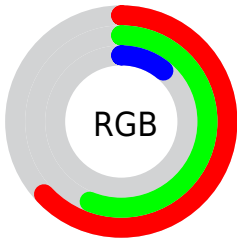
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 161, 27
Decimal	10588187
CIE <sub>Lab</sub>	59.53, -5.75, 58.34
CIE <sub>LCh</sub>	60, 58.627, 95.632
Yxy	27.6027, 0.4323, 0.4798
Android (android.graphics.Color)	4288778267 (0xFFA1901B)
YUV	135.7450, -53.6113, 22.1486
Hunter-Lab	52.5383, -7.4489, 31.0733

# Details

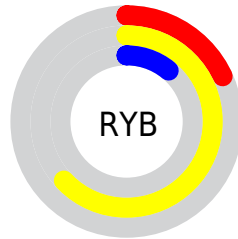
The Hex color **A1901B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **1B2CA1**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **DBC553**, and **695E00** is the 20% darker color. If you saturate the color by 10%, you get **A18E0B**, and if you desaturate by 10%, it is **A1922B**.

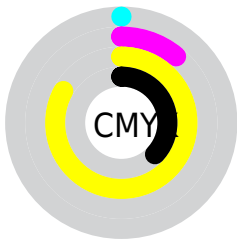
# Distribution



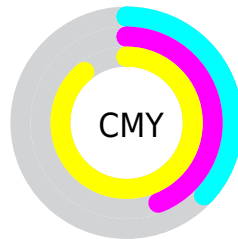
- Red (63%)
- Green (56%)
- Blue (11%)



- Red (18%)
- Yellow (63%)
- Blue (11%)



- Cyan (0%)
- Magenta (11%)
- Yellow (83%)
- Black (37%)



- Cyan (37%)
- Magenta (44%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1901B 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 A1901B by changing the saturation by 10% instead.





A1901B



A1901B

FFFFFF



857700



DBC553



695E00



F9E16E



4F4700



FFFE89



343100



FFFFA5



1C1C00



FFFFC1



000000



FFFFDD



FFFFFB



A1901B



A1901B

■ A18E0B

■ A1922B

■ A18D00

■ A1943B

■ A1964B

■ A1985B

■ A19A6C

■ A19C7C

■ A19E8C

■ A1A09C

■ A1A2AC

# Harmonies

## Analogous

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



CB7D2E



A1901B



6B9D35

# Triad

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



A1901B



00A7CA



D568BB

# Complementary

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



A1901B



1B2CA1

# 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.



9E7DE4



A1901B



00A0ED

# Square

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



A1901B



00A898



2392F6



EC5E88

# Rectangle

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



A1901B



37A352



2392F6



C76ECA



# Sweetspot

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



A1901B



D1CA9D



A11B2D



696549



E8E8E8



696969



# Same Dimension

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



A1901B



D1B700



70A11B



525149



917F00



121000



# Inverse Universe

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



1B2CA1



001BD1



4C1BA1



494A52



001291

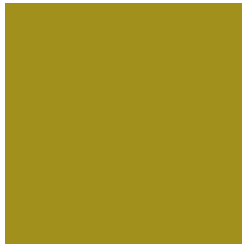


000212



# Previews

## White Background



This preview shows how the Hex color A1901B looks on a white background.

## Color Contrast Check

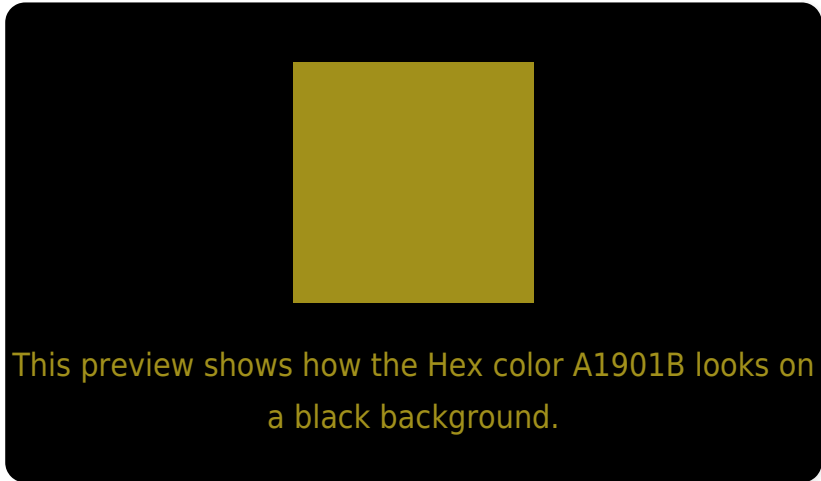
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A1901B Background



This preview shows how black text looks on a background with the Hex color A1901B.



This preview shows how white text looks on a background with the Hex color A1901B.

# 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**  
A1901B

**Protanopia**  
A2901B

**Deuteranopia**  
B58820

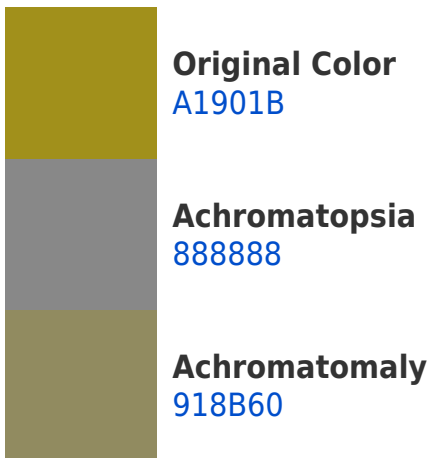


**Tritanopia**  
A98690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1901B 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 #A1901B looks like.

```
.text, #text, p{  
    color:#A1901B  
}
```

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 #A1901B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1901B
}
```

## Border

The CSS property to change the border of an element to Hex A1901B 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
#A1901B }
```

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

```
.border{ border-color:#A1901B }
```

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

Here you see how a box with a 4 pixel #A1901B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1901B; -webkit-box-shadow:4px 4px  
4px 4px #A1901B; box-shadow:4px 4px 4px  
4px #A1901B }
```

# Background

The CSS property to change the background color of an element to Hex A1901B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1901B }
```

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

```
.background{ background-color:#A1901B }
```

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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