

# Converting Colors

Hex(B19D47)

Have a look what the booklet for  
Hex(B19D47) contains.

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**Color**

**Hex(B19D47)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B19D47
RGB	177, 157, 71
RGB Percent	69%, 62%, 28%
CMY	0.3059, 0.3843, 0.7216
CMYK	0.00, 0.11, 0.60, 0.31
HSL	49°, 43%, 49%
HSV	49°, 60%, 69%
XYZ	31.3258, 33.9160, 10.8566
YIQ	153.1760, 39.5260, -22.5060

# Conversions

## Conversions Part 2

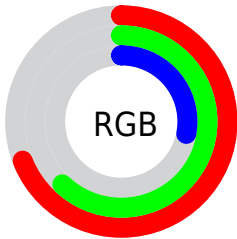
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 177, 71
Decimal	11640135
CIELab	64.90, -3.31, 46.73
CIELCh	65, 46.851, 94.056
Yxy	33.9160, 0.4116, 0.4457
Android (android.graphics.Color)	4289830215 (0xFFB19D47)
YUV	153.1760, -40.5128, 20.8936
Hunter-Lab	58.2374, -5.9008, 29.7134

# Details

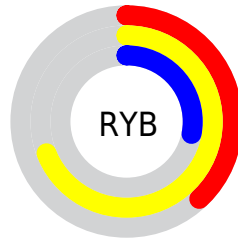
The Hex color **B19D47** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **475BB1**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **EBD37A**, and **7A6A13** is the 20% darker color. If you saturate the color by 10%, you get **B19A35**, and if you desaturate by 10%, it is **B1A059**.

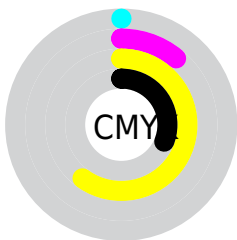
# Distribution



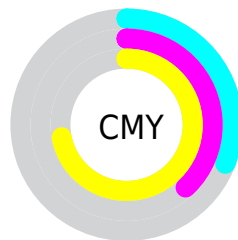
- Red (69%)
- Green (62%)
- Blue (28%)



- Red (38%)
- Yellow (69%)
- Blue (28%)



- Cyan (0%)
- Magenta (11%)
- Yellow (60%)
- Black (31%)



- Cyan (31%)
- Magenta (38%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B19D47 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 B19D47 by changing the saturation by 10% instead.





B19D47



B19D47

FFFFFF



95832E



EBD37A



7A6A13



FFF095



5F5200



FFFFB0



453B00



FFFFCC



2C2600



FFFFE9



111200



000000



B19D47



B19D47



B19A35



B1A059

 B19624

 B1A46A

 B19312

 B1A77C

 B19000

 B1AA8E

 B1AEA0

 B1B1B1

 B1B4C3

 B1B8D5

 B1BBE6

# Harmonies

## Analogous

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



D48E52



B19D47



85A955

# Triad

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



B19D47



00B2CB



D681C3

# Complementary

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



B19D47



475BB1

# 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.



A890E3



B19D47



00ABE8

# Square

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



B19D47



00B3A2



5FA0F1



EB7A99

# Rectangle

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



B19D47



62AE6A



5FA0F1



C986CF



# Sweetspot

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



B19D47



E6DEBC



B1475C



736E5A



F2F2F2



737373



# Same Dimension

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



B19D47



E6C640



91B147



595850



997C00



1A1500



# Inverse Universe

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



475BB1



405FE6



6747B1



505259



001D99



00051A



# Previews

## White Background



This preview shows how the Hex color B19D47 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

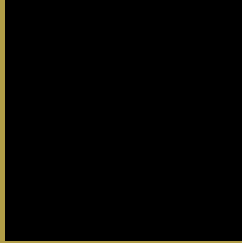
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B19D47 Background



This preview shows how black text looks on a background with the Hex color B19D47.



This preview shows how white text looks on a background with the Hex color B19D47.

# 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**  
B19D47

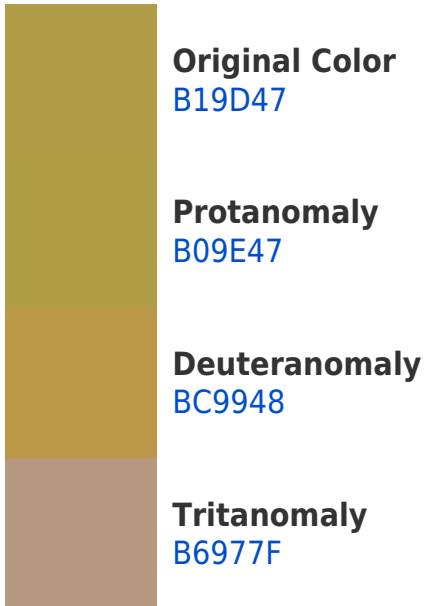
**Protanopia**  
AF9E47

**Deuteranopia**  
C39649

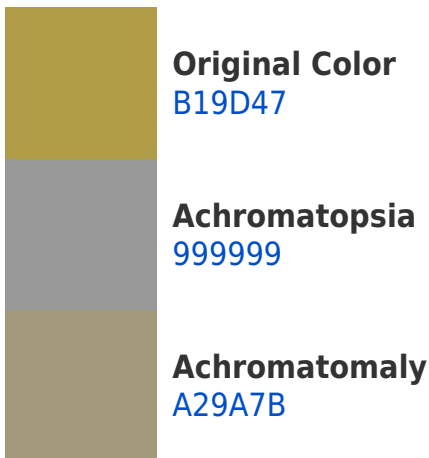


**Tritanopia**  
B9949F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B19D47 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 #B19D47 looks like.

```
.text, #text, p{  
    color:#B19D47  
}
```

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 #B19D47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B19D47
}
```

## Border

The CSS property to change the border of an element to Hex B19D47 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
#B19D47 }
```

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

```
.border{ border-color:#B19D47 }
```

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

Here you see how a box with a 4 pixel #B19D47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B19D47; -webkit-box-shadow:4px 4px  
4px 4px #B19D47; box-shadow:4px 4px 4px  
4px #B19D47 }
```

# Background

The CSS property to change the background color of an element to Hex B19D47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B19D47 }
```

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

```
.background{ background-color:#B19D47 }
```

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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