

# Converting Colors

Hex(B1A66D)

Have a look what the booklet for  
Hex(B1A66D) contains.

<b>Hex(B1A66D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B1A66D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1A66D
RGB	177, 166, 109
RGB Percent	69%, 65%, 43%
CMY	0.3059, 0.3490, 0.5725
CMYK	0.00, 0.06, 0.38, 0.31
HSL	50°, 30%, 56%
HSV	50°, 38%, 69%
XYZ	34.5280, 37.7237, 19.9296
YIQ	162.7910, 24.8530, -15.3950

# Conversions

## Conversions Part 2

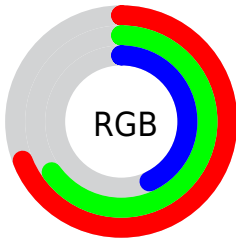
Format	Color
<a href="#">RYB</a>	<a href="#">122, 177, 109</a>
Decimal	<a href="#">11642477</a>
CIELab	<a href="#">67.82, -4.51, 30.96</a>
CIElCh	<a href="#">68, 31.283, 98.296</a>
Yxy	<a href="#">37.7237, 0.3746, 0.4092</a>
Android (android.graphics.Color)	<a href="#">4289832557 (0xFFB1A66D)</a>
YUV	<a href="#">162.7910, -26.5190, 12.4613</a>
Hunter-Lab	<a href="#">61.4196, -7.1377, 23.7552</a>

# Details

The Hex color **B1A66D** is a light color, and the websafe version is hex **999966**. A complement of this color would be **6D78B1**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **EADDA1**, and **7B723C** is the 20% darker color. If you saturate the color by 10%, you get **B1A35B**, and if you desaturate by 10%, it is **B1A97F**.

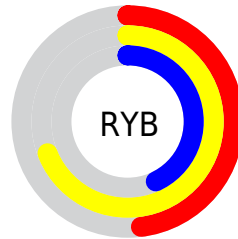
# Distribution



Red (69%)

Green (65%)

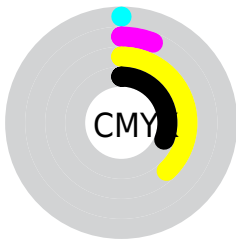
Blue (43%)



Red (48%)

Yellow (69%)

Blue (43%)

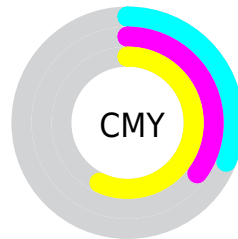


Cyan (0%)

Magenta (6%)

Yellow (38%)

Black (31%)



Cyan (31%)

Magenta (35%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1A66D 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 B1A66D by changing the saturation by 10% instead.



 B1A66D

 B1A66D

FFFFFF

 968C54

 EADDA1

 7B723C

 FFF9BC

 615A25

 FFFFD8

 48430E

 FFFFF5

 322D00

 191800

 000000

 B1A66D

 B1A66D

 B1A35B

 B1A97F

 B1A04A

 B1AC90

 B19D38

 B1AFA2

 B19B26

 B1B1B4

 B19814

 B1B4C5

 B19503

 B1B7D7

 B19400

 B1BAE9

 B1BDFB

 B1C0FF

# Harmonies

## Analogous

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



CA9C71



B1A66D



92AE78

# Triad

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



B1A66D



46B3C7



D093BB

# Complementary

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



B1A66D



6D78B1

# 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.



B39BD2



B1A66D



61AED9

# Square

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



B1A66D



52B5AC



8BA5DD



DD909E

# Rectangle

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



B1A66D



7CB287



8BA5DD



C895C3



# Sweetspot

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



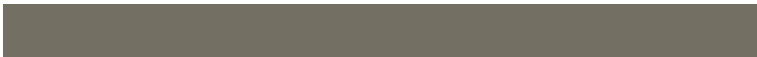
B1A66D



E6E1CA



B16D78



737063



F2F2F2



737373



# Same Dimension

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



B1A66D



E6D47C



9AB16D



595850



998000



1A1500



# Inverse Universe

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



6D78B1



7C8DE6



846DB1



505259



001999



00041A



# Previews

## White Background



This preview shows how the Hex color B1A66D 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

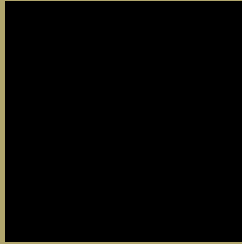
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B1A66D Background



This preview shows how black text looks on a background with the Hex color B1A66D.



This preview shows how white text looks on a background with the Hex color B1A66D.

# 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**  
B1A66D

**Protanopia**  
B3A56D

**Deuteranopia**  
C69E6F

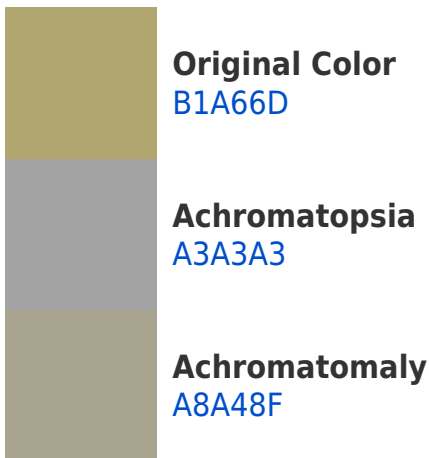


**Tritanopia**  
B89EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1A66D 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 #B1A66D looks like.

```
.text, #text, p{  
    color:#B1A66D  
}
```

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 #B1A66D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1A66D
}
```

## Border

The CSS property to change the border of an element to Hex B1A66D 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
#B1A66D }
```

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

```
.border{ border-color:#B1A66D }
```

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

Here you see how a box with a 4 pixel #B1A66D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1A66D; -webkit-box-shadow:4px 4px  
4px 4px #B1A66D; box-shadow:4px 4px 4px  
4px #B1A66D }
```

# Background

The CSS property to change the background color of an element to Hex B1A66D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1A66D }
```

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

```
.background{ background-color:#B1A66D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor