

# Converting Colors

Hex(B5A162)

Have a look what the booklet for  
Hex(B5A162) contains.

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# **Color**

**Hex(B5A162)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5A162
RGB	181, 161, 98
RGB Percent	71%, 63%, 38%
CMY	0.2902, 0.3686, 0.6157
CMYK	0.00, 0.11, 0.46, 0.29
HSL	46°, 36%, 55%
HSV	46°, 46%, 71%
XYZ	34.0055, 36.1953, 16.7494
YIQ	159.7980, 32.1430, -15.3530

# Conversions

## Conversions Part 2

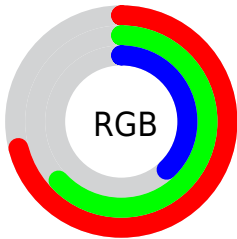
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">124, 181, 98</a>
Decimal	<a href="#">11903330</a>
CIELab	<a href="#">66.67, -1.38, 35.37</a>
CIElCh	<a href="#">67, 35.397, 92.228</a>
Yxy	<a href="#">36.1953, 0.3911, 0.4163</a>
Android (android.graphics.Color)	<a href="#">4290093410 (0xFFB5A162)</a>
YUV	<a href="#">159.7980, -30.4664, 18.5942</a>
Hunter-Lab	<a href="#">60.1626, -4.3914, 25.6073</a>

# Details

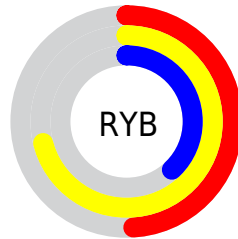
The Hex color **B5A162** is a light color, and the websafe version is hex **999966**. A complement of this color would be **6276B5**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **EED896**, and **7E6E31** is the 20% darker color. If you saturate the color by 10%, you get **B59D50**, and if you desaturate by 10%, it is **B5A574**.

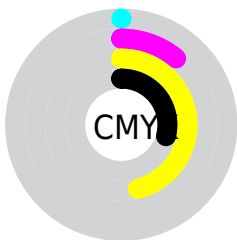
# Distribution



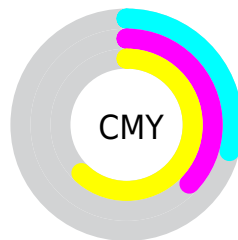
- Red (71%)
- Green (63%)
- Blue (38%)



- Red (49%)
- Yellow (71%)
- Blue (38%)



- Cyan (0%)
- Magenta (11%)
- Yellow (46%)
- Black (29%)



- Cyan (29%)
- Magenta (37%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5A162 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 B5A162 by changing the saturation by 10% instead.



 B5A162

 B5A162

FFFFFF

 998749

 EED896

 7E6E31

 FFF4B1

 64551A

 FFFFCC

 4B3E01

 FFFFEE

 322900

 1A1500

 000000

 B5A162

 B5A162

 B59D50

 B5A574

 B5983E

 B5AA86

 B5942C

 B5AE98

 B5901A

 B5B2AA

 B58B07

 B5B7BD

 B58900

 B5BBCF

 B5C0E1

 B5C4F3

 B5C8FF

# Harmonies

## Analogous

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



CF966B



B5A162



93AA6B

# Triad

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



B5A162



21B2C3



CC8EC0

# Complementary

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



B5A162



6276B5

# 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.



A999D8



B5A162



42ADDA

# Square

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



B5A162



43B3A4



78A4E1



DE89A1

# Rectangle

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



B5A162



7AAF7A



78A4E1



C292C9



# Sweetspot

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



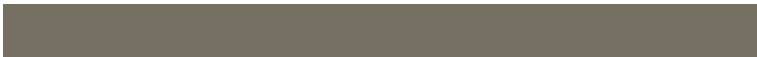
B5A162



EBE3CA



B56277



757061



F5F5F5



757575



# Same Dimension

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



B5A162



EBCC6A



A0B562



595750



997400



1A1300



# Inverse Universe

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



6276B5



6A89EB



7762B5



505259



002599



00061A



# Previews

## White Background



This preview shows how the Hex color B5A162 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 B5A162 Background



This preview shows how black text looks on a background with the Hex color B5A162.



This preview shows how white text looks on a background with the Hex color B5A162.

# 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**  
B5A162

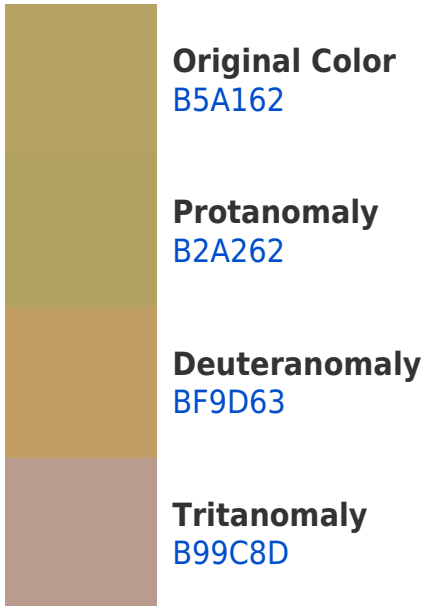
**Protanopia**  
B1A262

**Deuteranopia**  
C49B63

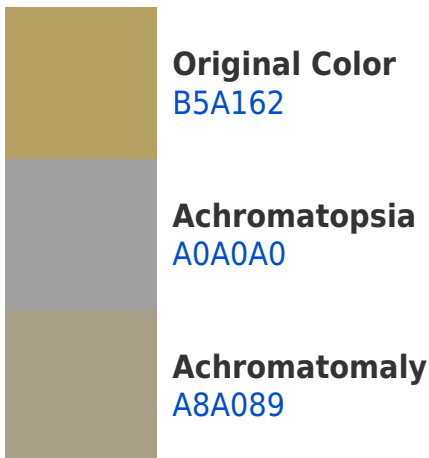


**Tritanopia**  
BC99A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5A162 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 #B5A162 looks like.

```
.text, #text, p{  
    color:#B5A162  
}
```

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 #B5A162 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5A162
}
```

## Border

The CSS property to change the border of an element to Hex B5A162 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
#B5A162 }
```

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

```
.border{ border-color:#B5A162 }
```

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

Here you see how a box with a 4 pixel #B5A162 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5A162; -webkit-box-shadow:4px 4px  
4px 4px #B5A162; box-shadow:4px 4px 4px  
4px #B5A162 }
```

# Background

The CSS property to change the background color of an element to Hex B5A162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5A162 }
```

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

```
.background{ background-color:#B5A162 }
```

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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