

# Converting Colors

Hex(BEAE62)

Have a look what the booklet for  
Hex(BEAE62) contains.

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# **Color**

**Hex(BEAE62)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEAE62
RGB	190, 174, 98
RGB Percent	75%, 68%, 38%
CMY	0.2549, 0.3176, 0.6157
CMYK	0.00, 0.08, 0.48, 0.25
HSL	50°, 41%, 56%
HSV	50°, 48%, 75%
XYZ	38.5759, 42.1011, 17.6484
YIQ	170.1200, 33.9320, -20.2440

# Conversions

## Conversions Part 2

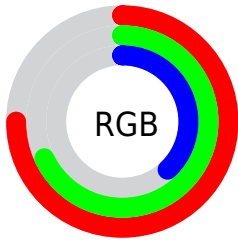
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">117, 190, 98</a>
Decimal	<a href="#">12496482</a>
CIELab	<a href="#">70.94, -4.55, 40.85</a>
CIELCh	<a href="#">71, 41.104, 96.356</a>
Yxy	<a href="#">42.1011, 0.3923, 0.4282</a>
Android (android.graphics.Color)	<a href="#">4290686562 (0xFFBEAE62)</a>
YUV	<a href="#">170.1200, -35.5552, 17.4348</a>
Hunter-Lab	<a href="#">64.8854, -7.4270, 29.2932</a>

# Details

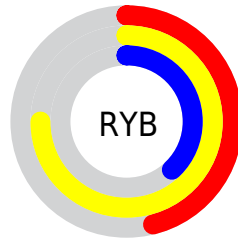
The Hex color **BEAE62** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6272BE**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **F8E596**, and **877A31** is the 20% darker color. If you saturate the color by 10%, you get **BEAB4F**, and if you desaturate by 10%, it is **BEB175**.

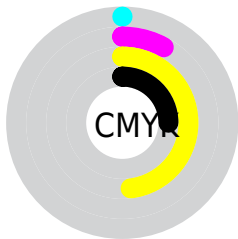
# Distribution



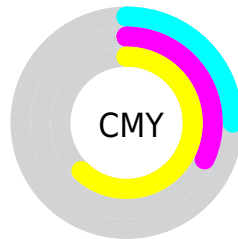
- Red (75%)
- Green (68%)
- Blue (38%)



- Red (46%)
- Yellow (75%)
- Blue (38%)



- Cyan (0%)
- Magenta (8%)
- Yellow (48%)
- Black (25%)



- Cyan (25%)
- Magenta (32%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BEAE62 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 BEAE62 by changing the saturation by 10% instead.



 BEAE62

 BEAE62

FFFFFF

 A29349

 F8E596

 877A31

 FFFFFB1

 6C6118

 FFFFCDD

 524A00

 FFFFEEA

 393300

 211E00

 000600

 000000

 BEAE62

 BEAE62

 BEAB4F

 BEB175

 BEA73C

 BEB588

 BEA429

 BEB89B

 BEA116

 BEBBAE

 BE9D03

 BEBFC1

 BE9D00

 BEC2D4

 BEC5E7

 BEC8FA

 BECCFF

# Harmonies

## Analogous

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



DEA16A



BEAE62



96B870

# Triad

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



BEAE62



00C0D9



E395CC

# Complementary

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



BEAE62



6272BE

# 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.



BCA1EA



BEAE62



37BAF1

# Square

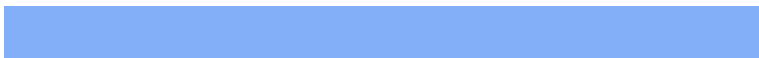
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BEAE62



27C1B5



83AFF8



F590A7

# Rectangle

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



BEAE62



78BD83



83AFF8



D898D8

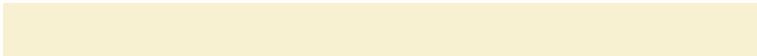


# Sweetspot

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



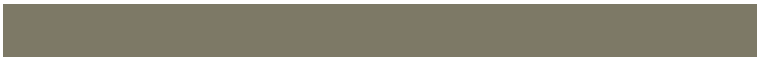
BEAE62



F7F1D2



BE6273



7D7966



FCFCFC



7D7D7D



# Same Dimension

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



BEAE62



F7DE68



A1BE62



5E5D55



9E8300



1F1900



# Inverse Universe

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



6272BE



6881F7



7F62BE



55575E



001B9E



00051F



# Previews

## White Background



This preview shows how the Hex color BEAE62 looks on a white background.

## Color Contrast Check

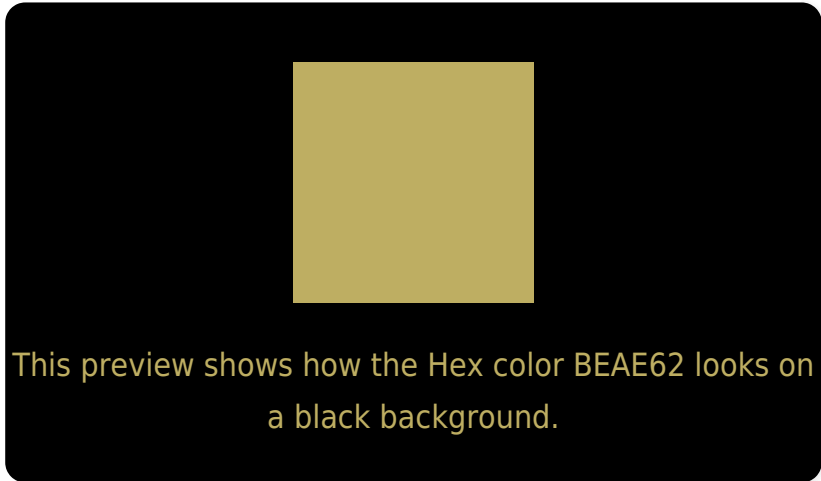
Large Text (above 18pt) WCAG AA × Fail

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

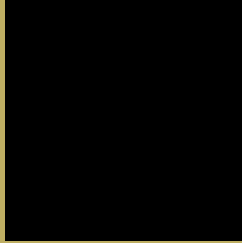
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BEAE62 Background



This preview shows how black text looks on a background with the Hex color BEAE62.



This preview shows how white text looks on a background with the Hex color BEAE62.

# 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**  
BEAE62

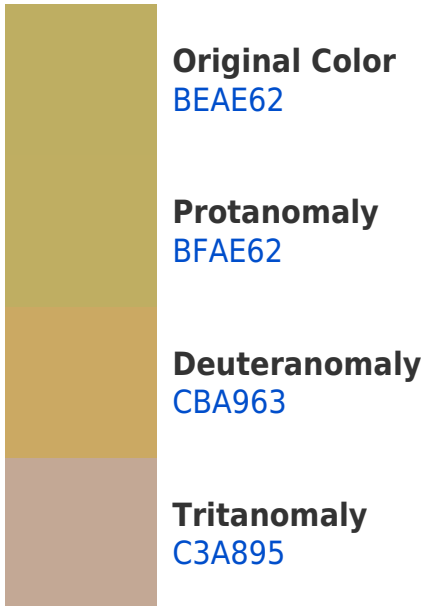
**Protanopia**  
BFAE62

**Deuteranopia**  
D3A664

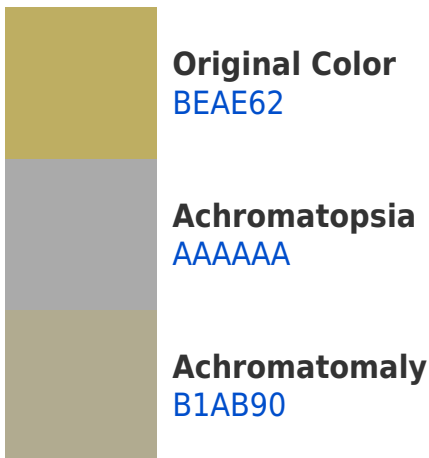


**Tritanopia**  
C6A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BEAE62 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 #BEAE62 looks like.

```
.text, #text, p{  
    color:#BEAE62  
}
```

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 #BEAE62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEAE62
}
```

## Border

The CSS property to change the border of an element to Hex BEAE62 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
#BEAE62 }
```

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

```
.border{ border-color:#BEAE62 }
```

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

Here you see how a box with a 4 pixel #BEAE62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEAE62; -webkit-box-shadow:4px 4px  
4px 4px #BEAE62; box-shadow:4px 4px 4px  
4px #BEAE62 }
```

# Background

The CSS property to change the background color of an element to Hex BEAE62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEAE62 }
```

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

```
.background{ background-color:#BEAE62 }
```

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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