

# Converting Colors

Hex(BEA574)

Have a look what the booklet for  
Hex(BEA574) contains.

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# **Color**

**Hex(BEA574)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEA574
RGB	190, 165, 116
RGB Percent	75%, 65%, 45%
CMY	0.2549, 0.3529, 0.5451
CMYK	0.00, 0.13, 0.39, 0.25
HSL	40°, 36%, 60%
HSV	40°, 39%, 75%
XYZ	37.8427, 39.1184, 22.0791
YIQ	166.8890, 30.6290, -9.9390

# Conversions

## Conversions Part 2

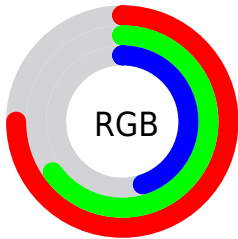
Format	Color
<a href="#">RYB</a>	<a href="#">154, 190, 116</a>
Decimal	<a href="#">12494196</a>
CIELab	<a href="#">68.84, 2.16, 28.77</a>
CIELCh	<a href="#">69, 28.852, 85.712</a>
Yxy	<a href="#">39.1184, 0.3821, 0.3950</a>
Android (android.graphics.Color)	<a href="#">4290684276 (0xFFBEA574)</a>
YUV	<a href="#">166.8890, -25.0883, 20.2683</a>
Hunter-Lab	<a href="#">62.5447, -1.4516, 22.8511</a>

# Details

The Hex color **BEA574** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **748DBE**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **F7DCA8**, and **877143** is the 20% darker color. If you saturate the color by 10%, you get **BE9F61**, and if you desaturate by 10%, it is **BEAB87**.

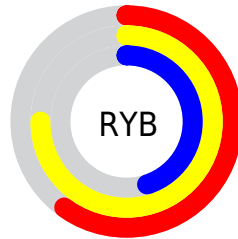
# Distribution



Red (75%)

Green (65%)

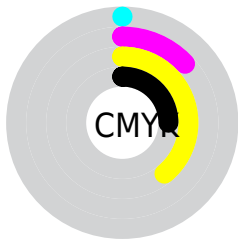
Blue (45%)



Red (60%)

Yellow (75%)

Blue (45%)

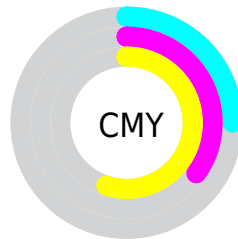


Cyan (0%)

Magenta (13%)

Yellow (39%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BEA574 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 BEA574 by changing the saturation by 10% instead.



 BEA574

 BEA574

FFFFFF

 A28B5B

 F7DCA8

 877143

 FFF8C4

 6D592C

 FFFFEO

 534216

FFFFFFD

 3B2C00

 231700

 000000

 BEA574

 BEA574

 BE9F61

 BEAB87

 BE984E

 BEB29A

 BE923B

 BEB8AD

 BE8B28

 BEBF00

 BE8515

 BEC5D3

 BE7E02

 BECCE6

 BE7E00

 BED2F9

 BED8FF

 BEDFFF

# Harmonies

## Analogous

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



D29C7E



BEA574



A3AD78

# Triad

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



BEA574



56B6BE



C69AC6

# Complementary

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



BEA574



748DBE

# 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.



A7A3D7



BEA574



60B2D2

# Square

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



BEA574



68B6A3



81ACDC



D895AD

# Rectangle

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



BEA574



8FB283



81ACDC



BD9DCD



# Sweetspot

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



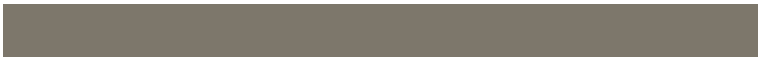
BEA574



F7EDDA



BE748E



7D776B



FCFCFC



7D7D7D



# Same Dimension

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



BEA574



F7D083



B3BE74



5E5B55



9E6900



1F1400



# Inverse Universe

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



748DBE



83AAF7



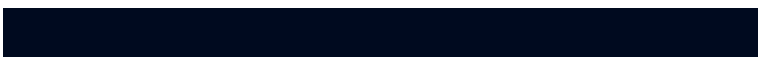
7F74BE



55585E



00359E

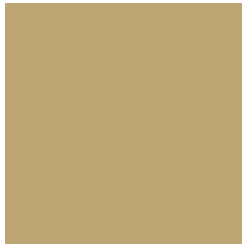


000A1F



# Previews

## White Background



This preview shows how the Hex color BEA574 looks on a white background.

## Color Contrast Check

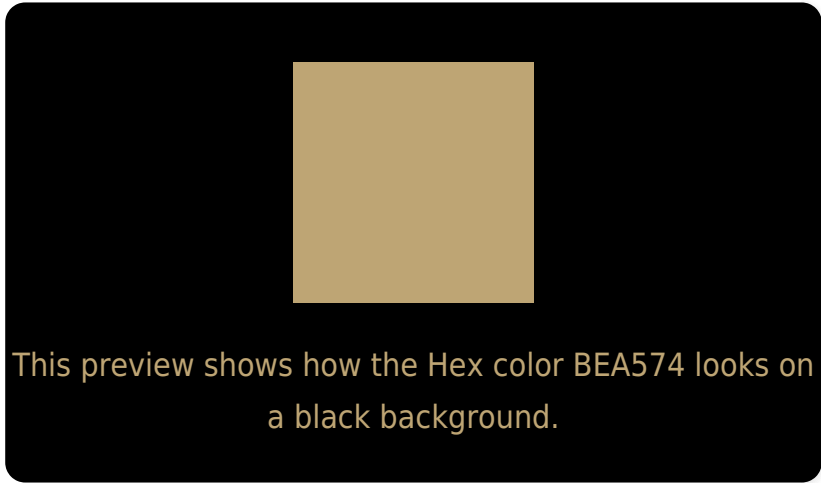
Large Text (above 18pt) WCAG AA × Fail

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

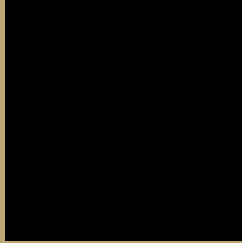
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BEA574 Background



This preview shows how black text looks on a background with the Hex color BEA574.

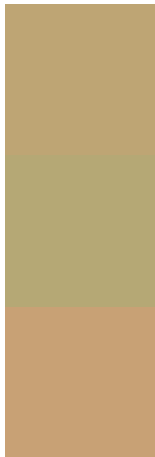


This preview shows how white text looks on a background with the Hex color BEA574.

# 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**  
BEA574

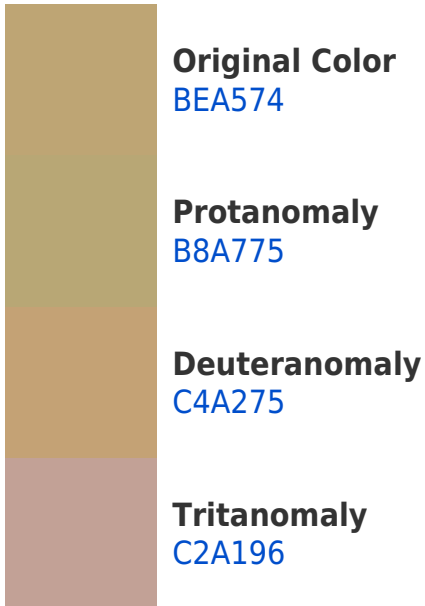
**Protanopia**  
B5A875

**Deuteranopia**  
C8A175

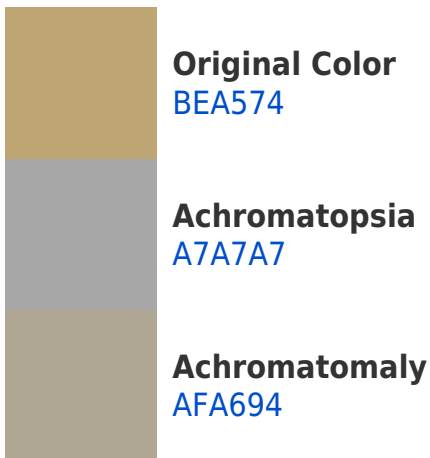


**Tritanopia**  
C49EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BEA574 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 #BEA574 looks like.

```
.text, #text, p{  
    color:#BEA574  
}
```

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 #BEA574 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEA574
}
```

## Border

The CSS property to change the border of an element to Hex BEA574 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
#BEA574 }
```

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

```
.border{ border-color:#BEA574 }
```

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

Here you see how a box with a 4 pixel #BEA574 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEA574; -webkit-box-shadow:4px 4px  
4px 4px #BEA574; box-shadow:4px 4px 4px  
4px #BEA574 }
```

# Background

The CSS property to change the background color of an element to Hex BEA574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEA574 }
```

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

```
.background{ background-color:#BEA574 }
```

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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