

# Converting Colors

Hex(BEA976)

Have a look what the booklet for  
Hex(BEA976) contains.

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**Color**

**Hex(BEA976)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEA976
RGB	190, 169, 118
RGB Percent	75%, 66%, 46%
CMY	0.2549, 0.3373, 0.5373
CMYK	0.00, 0.11, 0.38, 0.25
HSL	42°, 36%, 60%
HSV	42°, 38%, 75%
XYZ	38.6932, 40.6311, 22.9428
YIQ	169.4650, 28.8870, -11.4090

# Conversions

## Conversions Part 2

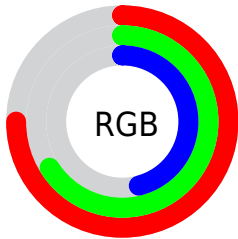
Format	Color
<a href="#">RYB</a>	<a href="#">148, 190, 118</a>
Decimal	<a href="#">12495222</a>
CIELab	<a href="#">69.92, 0.24, 29.12</a>
CIELCh	<a href="#">70, 29.121, 89.531</a>
Yxy	<a href="#">40.6311, 0.3784, 0.3973</a>
Android (android.graphics.Color)	<a href="#">4290685302</a> ( <a href="#">0xFFBEA976</a> )
YUV	<a href="#">169.4650, -25.3722, 18.0092</a>
Hunter-Lab	<a href="#">63.7425, -3.1958, 23.2796</a>

# Details

The Hex color **BEA976** is a light color, and the websafe version is hex **999966**. A complement of this color would be **768BBE**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **F7E0AB**, and **877545** is the 20% darker color. If you saturate the color by 10%, you get **BEA363**, and if you desaturate by 10%, it is **BEAF89**.

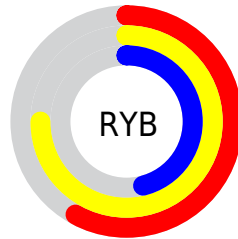
# Distribution



Red (75%)

Green (66%)

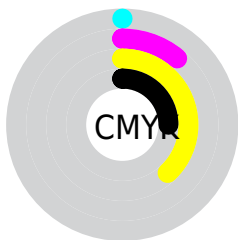
Blue (46%)



Red (58%)

Yellow (75%)

Blue (46%)

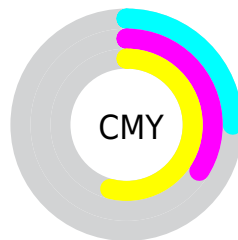


Cyan (0%)

Magenta (11%)

Yellow (38%)

Black (25%)



Cyan (25%)

Magenta (34%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BEA976 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 BEA976 by changing the saturation by 10% instead.



 BEA976

 BEA976

FFFFFF

 A28F5D

 F7E0AB

 877545

 FFFDC6

 6D5D2E

 FFFFE2

 544517

 3B2F00

 241A00

 000000

 BEA976

 BEA976

 BEA363

 BEAF89

 BE9E50

 BEB49C

 BE983D

 BEBAAF

 BE932A

 BEBF2

 BE8D17

 BEC5D5

 BE8804

 BECAE8

 BE8700

 BED0FB

 BED5FF

 BEDBFF

# Harmonies

## Analogous

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



D4A07E



BEA976



A2B17C

# Triad

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



BEA976



57B9C4



CC9CC6

# Complementary

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



BEA976



768BBE

# 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.



AEA4D9



BEA976



65B5D8

# Square

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



BEA976



67B9A9



88ADDF



DD97AC

# Rectangle

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



BEA976



8EB588



88ADDF



C49ECD

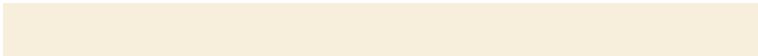


# Sweetspot

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



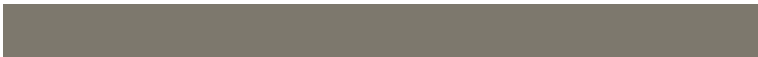
BEA976



F7EFDC



BE768C



7D786D



FCFCFC



7D7D7D



# Same Dimension

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



BEA976



F7D788



B0BE76



5E5C55



9E7000



1F1600



# Inverse Universe

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



768BBE



88A9F7



8476BE



55585E



002E9E



00091F



# Previews

## White Background



This preview shows how the Hex color BEA976 looks on a white background.

## Color Contrast Check

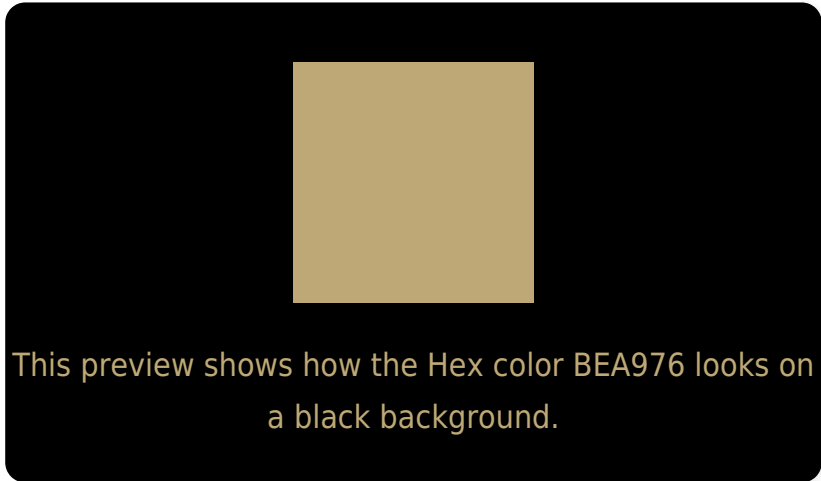
Large Text (above 18pt) WCAG AA × Fail

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

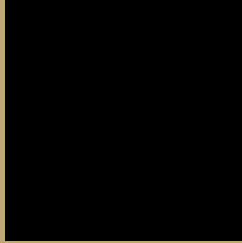
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BEA976 Background



This preview shows how black text looks on a background with the Hex color BEA976.



This preview shows how white text looks on a background with the Hex color BEA976.

# 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**  
BEA976

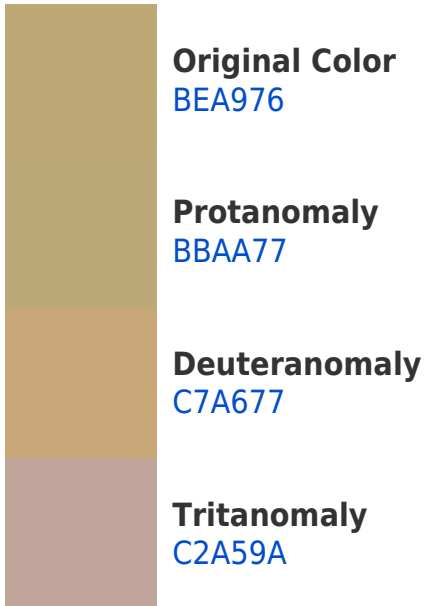
**Protanopia**  
B9AB77

**Deuteranopia**  
CCA477

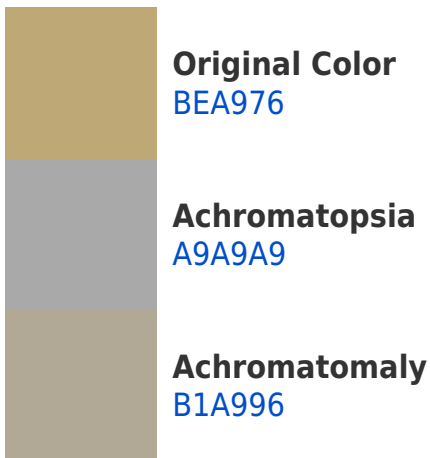


**Tritanopia**  
C4A2AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BEA976 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 #BEA976 looks like.

```
.text, #text, p{  
    color:#BEA976  
}
```

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 #BEA976 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEA976
}
```

## Border

The CSS property to change the border of an element to Hex BEA976 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
#BEA976 }
```

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

```
.border{ border-color:#BEA976 }
```

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

Here you see how a box with a 4 pixel #BEA976 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEA976; -webkit-box-shadow:4px 4px  
4px 4px #BEA976; box-shadow:4px 4px 4px  
4px #BEA976 }
```

# Background

The CSS property to change the background color of an element to Hex BEA976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEA976 }
```

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

```
.background{ background-color:#BEA976 }
```

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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