

# Converting Colors

Hex(BEA660)

Have a look what the booklet for  
Hex(BEA660) contains.

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# **Color**

**Hex(BEA660)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEA660
RGB	190, 166, 96
RGB Percent	75%, 65%, 38%
CMY	0.2549, 0.3490, 0.6235
CMYK	0.00, 0.13, 0.49, 0.25
HSL	45°, 42%, 56%
HSV	45°, 49%, 75%
XYZ	36.9827, 39.0641, 16.6573
YIQ	165.1960, 36.7740, -16.6820

# Conversions

## Conversions Part 2

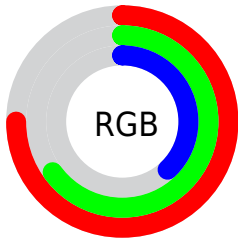
Format	Color
<a href="#">RYB</a>	<a href="#">128, 190, 96</a>
Decimal	<a href="#">12494432</a>
CIELab	<a href="#">68.80, -0.48, 39.24</a>
CIElCh	<a href="#">69, 39.240, 90.703</a>
Yxy	<a href="#">39.0641, 0.3989, 0.4214</a>
Android (android.graphics.Color)	<a href="#">4290684512</a> (0xFFBEA660)
YUV	<a href="#">165.1960, -34.1136, 21.7531</a>
Hunter-Lab	<a href="#">62.5013, -3.7567, 27.9495</a>

# Details

The Hex color **BEA660** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6078BE**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **F8DD94**, and **86722F** is the 20% darker color. If you saturate the color by 10%, you get **BEA14D**, and if you desaturate by 10%, it is **BEAB73**.

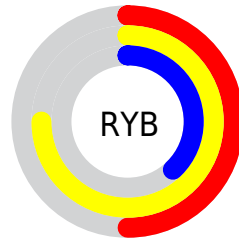
# Distribution



Red (75%)

Green (65%)

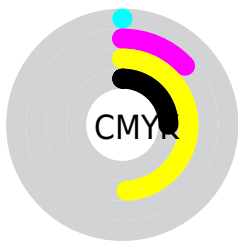
Blue (38%)



Red (50%)

Yellow (75%)

Blue (38%)

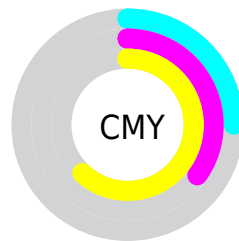


Cyan (0%)

Magenta (13%)

Yellow (49%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BEA660 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 BEA660 by changing the saturation by 10% instead.





BEA660



BEA660

FFFFFF



A28C47



F8DD94



86722F



FFF9AF



6C5A17



FFFFCB



524300



FFFFE7



392D00



201900



000000



BEA660



BEA660



BEA14D



BEAB73

 BE9C3A

 BEB086

 BE9727

 BEB599

 BE9314

 BEB9AC

 BE8E01

 BEBEBF

 BE8D00

 BEC3D2

 BEC8E5

 BECDF8

 BED2FF

# Harmonies

## Analogous

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



DB9A6B



BEA660



99B169

# Triad

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



BEA660



00BACB



D592CB

# Complementary

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



BEA660



6078BE

# 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.



AD9EE5



BEA660



2BB5E5

# Square

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



BEA660



39BBA8



74ABEE



EA8CA8

# Rectangle

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



BEA660



7DB67A



74ABEE



CA96D5

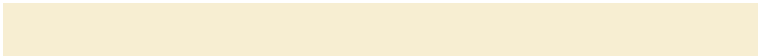


# Sweetspot

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



BEA660



F7EED2



BE6079



7D7766



FCFCFC



7D7D7D



# Same Dimension

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



BEA660



F7D265



A8BE60



5E5C55



9E7600



1F1700



# Inverse Universe

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



6078BE



658BF7



7660BE



55575E



00289E

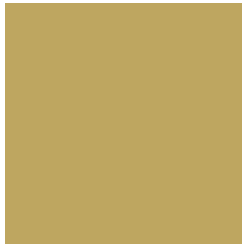


00081F



# Previews

## White Background



This preview shows how the Hex color BEA660 looks on a white background.

## Color Contrast Check

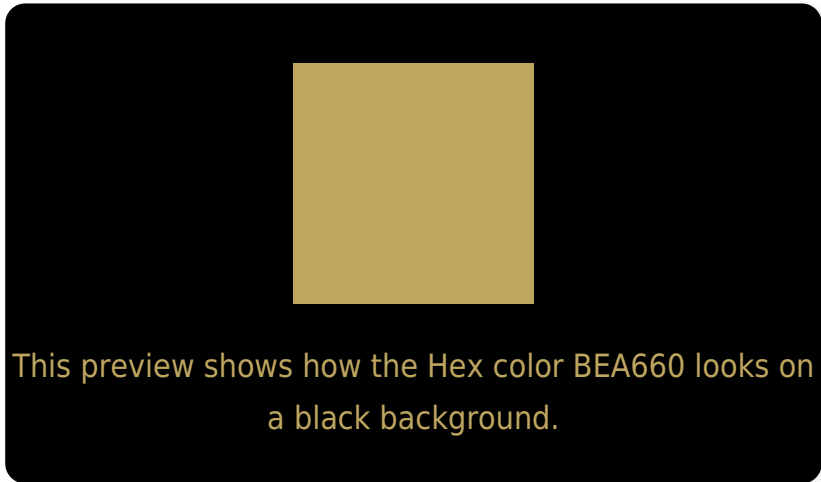
Large Text (above 18pt) WCAG AA × Fail

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 BEA660 Background



This preview shows how black text looks on a background with the Hex color BEA660.

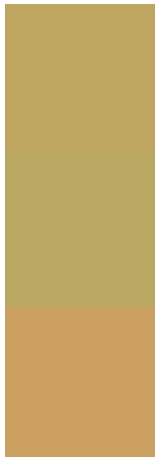


This preview shows how white text looks on a background with the Hex color BEA660.

# 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**  
BEA660

**Protanopia**  
B8A861

**Deuteranopia**  
CCA061

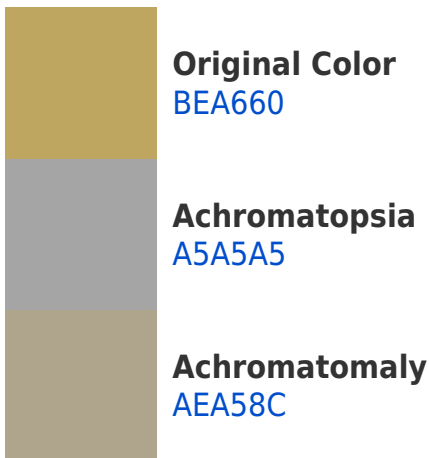


**Tritanopia**  
C59DAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BEA660 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 #BEA660 looks like.

```
.text, #text, p{  
    color:#BEA660  
}
```

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 #BEA660 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEA660
}
```

## Border

The CSS property to change the border of an element to Hex BEA660 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
#BEA660 }
```

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

```
.border{ border-color:#BEA660 }
```

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

Here you see how a box with a 4 pixel #BEA660 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEA660; -webkit-box-shadow:4px 4px  
4px 4px #BEA660; box-shadow:4px 4px 4px  
4px #BEA660 }
```

# Background

The CSS property to change the background color of an element to Hex BEA660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEA660 }
```

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

```
.background{ background-color:#BEA660 }
```

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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