

# Converting Colors

Hex(BEA338)

Have a look what the booklet for  
Hex(BEA338) contains.

<b>Hex(BEA338)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(BEA338)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEA338
RGB	190, 163, 56
RGB Percent	75%, 64%, 22%
CMY	0.2549, 0.3608, 0.7804
CMYK	0.00, 0.14, 0.71, 0.25
HSL	48°, 54%, 48%
HSV	48°, 71%, 75%
XYZ	35.0462, 37.4271, 9.1184
YIQ	158.8750, 50.4390, -27.5530

# Conversions

## Conversions Part 2

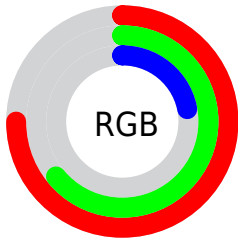
Format	Color
<a href="#">RYB</a>	<a href="#">90, 190, 56</a>
Decimal	<a href="#">12493624</a>
CIELab	<a href="#">67.60, -1.79, 56.63</a>
CIELCh	<a href="#">68, 56.658, 91.809</a>
Yxy	<a href="#">37.4271, 0.4295, 0.4587</a>
Android (android.graphics.Color)	<a href="#">4290683704</a> ( <a href="#">0xFFBEA338</a> )
YUV	<a href="#">158.8750, -50.7174, 27.2966</a>
Hunter-Lab	<a href="#">61.1777, -4.8055, 33.9873</a>

# Details

The Hex color **BEA338** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3853BE**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **F9DA6D**, and **857000** is the 20% darker color. If you saturate the color by 10%, you get **BE9F25**, and if you desaturate by 10%, it is **BEA74B**.

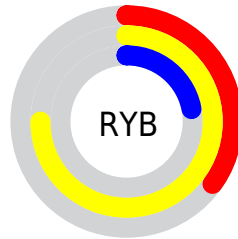
# Distribution



Red (75%)

Green (64%)

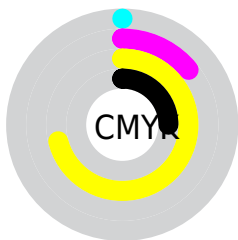
Blue (22%)



Red (35%)

Yellow (75%)

Blue (22%)

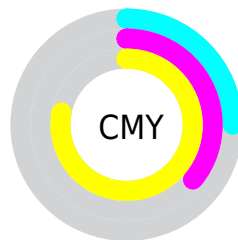


Cyan (0%)

Magenta (14%)

Yellow (71%)

Black (25%)



Cyan (25%)

Magenta (36%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BEA338 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 BEA338 by changing the saturation by 10% instead.



 BEA338

 BEA338

FFFFFF

 A1891B

 F9DA6D

 857000

 FFF688

 695800

 FFFFA3

 4F4100

 FFFFBF

 342B00

 FFFFDC

 1C1700

 FFFFF9

 000000

 BEA338

 BEA338

 BE9F25

 BEA74B

 BE9B12

 BEAB5E

 BE9800

 BEAE71

 BEB284

 BEB697

 BEBAAA

 BEBEBD

 BEC2D0

 BEC5E3

# Harmonies

## Analogous

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



E7904A



BEA338



8AB149

# Triad

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



BEA338



00BDD9



E682D6

# Complementary

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



BEA338



3853BE

# 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.



AB96FC



BEA338



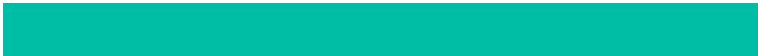
00B6FE

# Square

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



BEA338



00BEA6



3CA9FF



FF77A4

# Rectangle

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



BEA338



5EB863



3CA9FF



D688E4

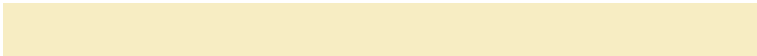


# Sweetspot

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



BEA338



F7EDC3



BE3855



7D775E



FCFCFC



7D7D7D



# Same Dimension

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



BEA338



F7CD25



98BE38



5E5C55



9E7E00



1F1800



# Inverse Universe

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



3853BE



254FF7



5E38BE



55575E



00209E

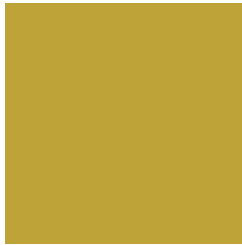


00061F



# Previews

## White Background



This preview shows how the Hex color BEA338 looks on a white background.

## Color Contrast Check

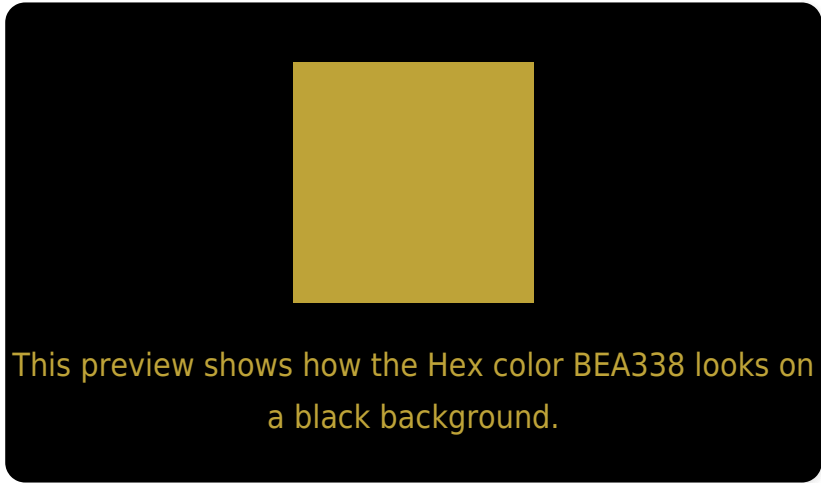
Large Text (above 18pt) WCAG AA × Fail

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 BEA338 Background



This preview shows how black text looks on a background with the Hex color BEA338.

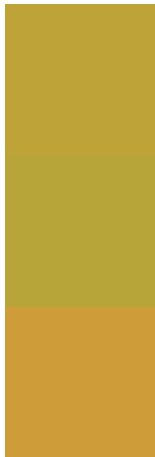


This preview shows how white text looks on a background with the Hex color BEA338.

# 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**  
BEA338

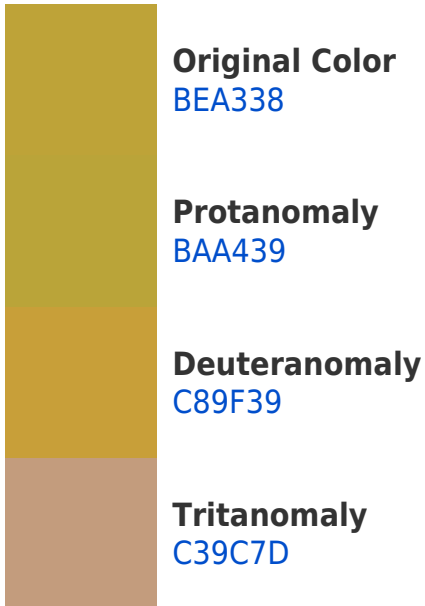
**Protanopia**  
B8A539

**Deuteranopia**  
CE9D3A

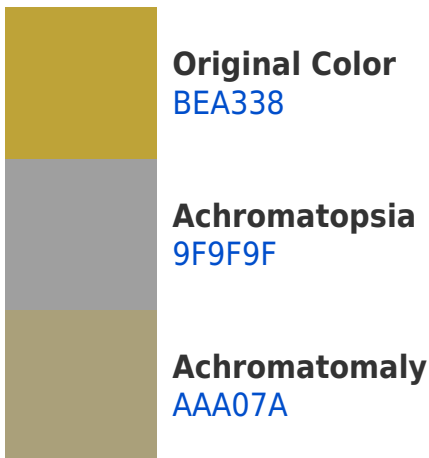


**Tritanopia**  
C698A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BEA338 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 #BEA338 looks like.

```
.text, #text, p{  
    color:#BEA338  
}
```

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 #BEA338 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEA338
}
```

## Border

The CSS property to change the border of an element to Hex BEA338 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
#BEA338 }
```

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

```
.border{ border-color:#BEA338 }
```

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

Here you see how a box with a 4 pixel #BEA338 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEA338; -webkit-box-shadow:4px 4px  
4px 4px #BEA338; box-shadow:4px 4px 4px  
4px #BEA338 }
```

# Background

The CSS property to change the background color of an element to Hex BEA338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEA338 }
```

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

```
.background{ background-color:#BEA338 }
```

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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