

# Converting Colors

Hex(BEA83C)

Have a look what the booklet for  
Hex(BEA83C) contains.

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# **Color**

**Hex(BEA83C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEA83C
RGB	190, 168, 60
RGB Percent	75%, 66%, 24%
CMY	0.2549, 0.3412, 0.7647
CMYK	0.00, 0.12, 0.68, 0.25
HSL	50°, 52%, 49%
HSV	50°, 68%, 75%
XYZ	36.0534, 39.2787, 9.9563
YIQ	162.2660, 47.7800, -28.9240

# Conversions

## Conversions Part 2

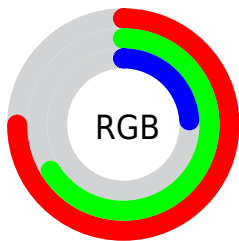
Format	Color
<a href="#">RYB</a>	<a href="#">86, 190, 60</a>
Decimal	<a href="#">12494908</a>
CIELab	<a href="#">68.95, -4.23, 56.37</a>
CIELCh	<a href="#">69, 56.525, 94.294</a>
Yxy	<a href="#">39.2787, 0.4227, 0.4605</a>
Android (android.graphics.Color)	<a href="#">4290684988</a> ( <a href="#">0xFFBEA83C</a> )
YUV	<a href="#">162.2660, -50.4171, 24.3227</a>
Hunter-Lab	<a href="#">62.6727, -6.9923, 34.4520</a>

# Details

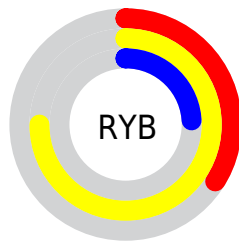
The Hex color **BEA83C** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3C52BE**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **F9DF71**, and **857400** is the 20% darker color. If you saturate the color by 10%, you get **BEA529**, and if you desaturate by 10%, it is **BEAB4F**.

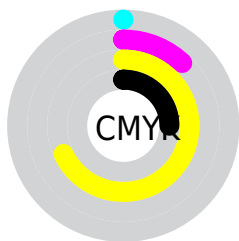
# Distribution



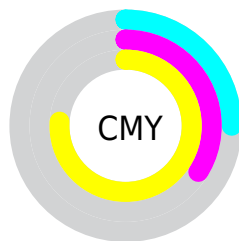
- Red (75%)
- Green (66%)
- Blue (24%)



- Red (34%)
- Yellow (75%)
- Blue (24%)



- Cyan (0%)
- Magenta (12%)
- Yellow (68%)
- Black (25%)



- Cyan (25%)
- Magenta (34%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BEA83C 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 BEA83C by changing the saturation by 10% instead.



 BEA83C

 BEA83C

FFFFFF

 A18E20

 F9DF71

 857400

 FFFB8C

 6A5C00

 FFFFA7

 4F4500

 FFFF C3

 352F00

 FFFF E0

 1C1A00

FFFFFFD

 000000

 BEA83C

 BEA83C

 BEA529

 BEAB4F

 BEA216

 BEAE62

 BE9E03

 BEB275

 BE9E00

 BEB588

 BEB89B

 BEBBAE

 BEBFC1

 BEC2D4

 BEC5E7

# Harmonies

## Analogous

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



E8954B



BEA83C



89B64F

# Triad

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



BEA83C



00C0E1



ED84D6

# Complementary

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



BEA83C



3C52BE

# 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.



B598FD



BEA83C



00B9FF

# Square

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



BEA83C



00C2AE



51ABFF



FF7BA3

# Rectangle

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



BEA83C



5CBC6A



51ABFF



DE8AE5



# Sweetspot

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



BEA83C



F7EFC3



BE3C54



7D785E



FCFCFC



7D7D7D



# Same Dimension

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



BEA83C



F7D52D



95BE3C



5E5D55



9E8300



1F1900



# Inverse Universe

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



3C52BE



2D4FF7



653CBE



55575E



001B9E

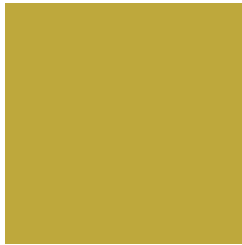


00051F



# Previews

## White Background



This preview shows how the Hex color BEA83C looks on a white background.

## Color Contrast Check

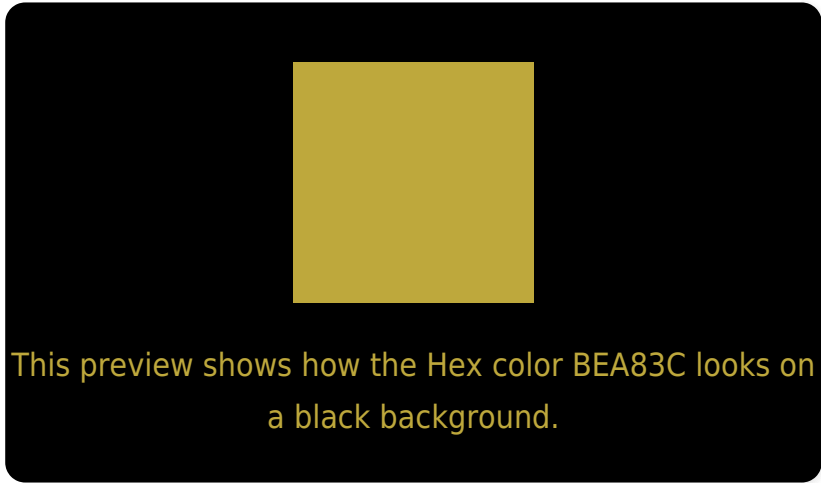
Large Text (above 18pt) WCAG AA × Fail

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 BEA83C Background



This preview shows how black text looks on a background with the Hex color BEA83C.



This preview shows how white text looks on a background with the Hex color BEA83C.

# 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**  
BEA83C

**Protanopia**  
BCA93C

**Deuteranopia**  
D2A03F



**Tritanopia**  
C79DA9

# Trichromacy



**Original Color**  
BEA83C

**Protanomaly**  
BDA93C

**Deuteranomaly**  
CBA33E

**Tritanomaly**  
C4A181

# Monochromacy



**Original Color**  
BEA83C

**Achromatopsia**  
A2A2A2

**Achromatomaly**  
ACA47D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BEA83C 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 #BEA83C looks like.

```
.text, #text, p{  
    color:#BEA83C  
}
```

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 #BEA83C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEA83C
}
```

## Border

The CSS property to change the border of an element to Hex BEA83C 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
#BEA83C }
```

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

```
.border{ border-color:#BEA83C }
```

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

Here you see how a box with a 4 pixel #BEA83C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEA83C; -webkit-box-shadow:4px 4px  
4px 4px #BEA83C; box-shadow:4px 4px 4px  
4px #BEA83C }
```

# Background

The CSS property to change the background color of an element to Hex BEA83C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEA83C }
```

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

```
.background{ background-color:#BEA83C }
```

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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