

# Converting Colors

Hex(BE9A16)

Have a look what the booklet for  
Hex(BE9A16) contains.

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# **Color**

**Hex(BE9A16)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BE9A16
RGB	190, 154, 22
RGB Percent	75%, 60%, 9%
CMY	0.2549, 0.3961, 0.9137
CMYK	0.00, 0.19, 0.88, 0.25
HSL	47°, 79%, 42%
HSV	47°, 88%, 75%
XYZ	32.9356, 34.1163, 5.6083
YIQ	149.7160, 63.8280, -33.4200

# Conversions

## Conversions Part 2

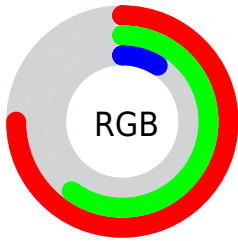
Format	Color
<a href="#">RYB</a>	<a href="#">68, 190, 22</a>
Decimal	<a href="#">12491286</a>
CIELab	<a href="#">65.05, 1.82, 65.34</a>
CIELCh	<a href="#">65, 65.361, 88.405</a>
Yxy	<a href="#">34.1163, 0.4533, 0.4695</a>
Android (android.graphics.Color)	<a href="#">4290681366</a> (0xFFBE9A16)
YUV	<a href="#">149.7160, -62.9640, 35.3291</a>
Hunter-Lab	<a href="#">58.4091, -1.5638, 35.1936</a>

# Details

The Hex color **BE9A16** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **163ABE**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FAD053**, and **846700** is the 20% darker color. If you saturate the color by 10%, you get **BE9603**, and if you desaturate by 10%, it is **BE9E29**.

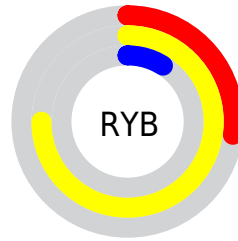
# Distribution



Red (75%)

Green (60%)

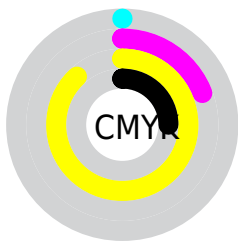
Blue (9%)



Red (27%)

Yellow (75%)

Blue (9%)

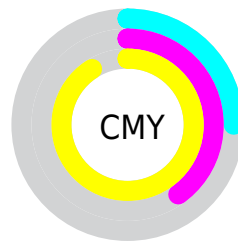


Cyan (0%)

Magenta (19%)

Yellow (88%)

Black (25%)



Cyan (25%)

Magenta (40%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE9A16 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 BE9A16 by changing the saturation by 10% instead.



 BE9A16

 BE9A16

FFFFFF

 A18000

 FAD053

 846700

 FFEC6E

 685000

 FFFF8A

 4C3900

 FFFFA6

 322400

 FFFFC2

 1A0F00

 FFFFDF

 000000

 FFFFFC

 BE9A16

 BE9A16

■ BE9603

■ BE9E29

■ BE9500

■ BEA23C

■ BEA64F

■ BEAA62

■ BEAE75

■ BEB288

■ BEB79B

■ BEBBAE

■ BEBFC1

# Harmonies

## Analogous

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



EA8338



BE9A16



84AB2B

# Triad

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



BE9A16



00B9D4



E176DC

# Complementary

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



BE9A16



163ABE

# 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.



9890FF



BE9A16



00B3FF

# Square

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



BE9A16



00B999



00A6FF



FF65A4

# Rectangle

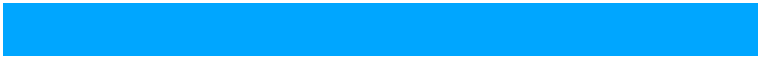
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BE9A16



52B24B



00A6FF



CE7EEC

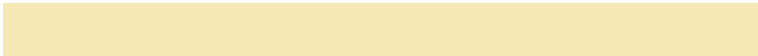


# Sweetspot

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



BE9A16



F7E9B5



BE163A



7D7455



FCFCFC



7D7D7D



# Same Dimension

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



BE9A16



F7C200



8EBE16



5E5C55



9E7C00



1F1800



# Inverse Universe

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



163ABE



0035F7



4616BE



55575E



00229E

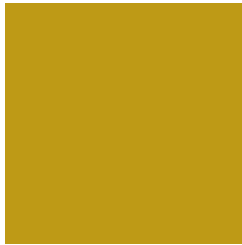


00071F



# Previews

## White Background



This preview shows how the Hex color BE9A16 looks on a white background.

## Color Contrast Check

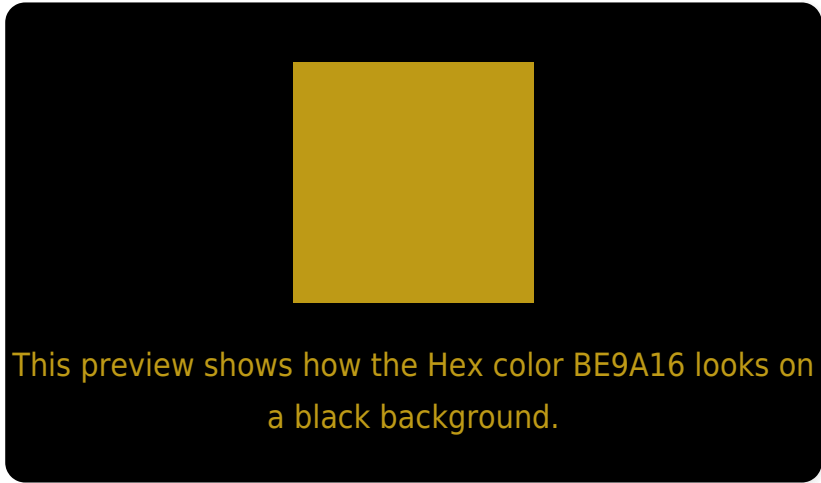
Large Text (above 18pt) WCAG AA × Fail

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 BE9A16 Background



This preview shows how black text looks on a background with the Hex color BE9A16.



This preview shows how white text looks on a background with the Hex color BE9A16.

# 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**  
BE9A16

**Protanopia**  
B29F17

**Deuteranopia**  
C89619

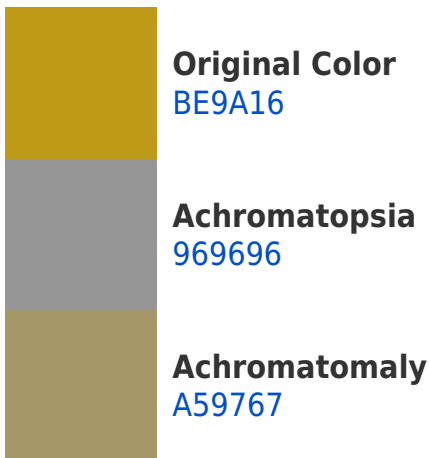


**Tritanopia**  
C68F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE9A16 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 #BE9A16 looks like.

```
.text, #text, p{  
    color:#BE9A16  
}
```

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 #BE9A16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE9A16
}
```

## Border

The CSS property to change the border of an element to Hex BE9A16 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
#BE9A16 }
```

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

```
.border{ border-color:#BE9A16 }
```

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

Here you see how a box with a 4 pixel #BE9A16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE9A16; -webkit-box-shadow:4px 4px  
4px 4px #BE9A16; box-shadow:4px 4px 4px  
4px #BE9A16 }
```

# Background

The CSS property to change the background color of an element to Hex BE9A16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE9A16 }
```

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

```
.background{ background-color:#BE9A16 }
```

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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