

# Converting Colors

Hex(BC9640)

Have a look what the booklet for  
Hex(BC9640) contains.

<b>Hex(BC9640)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(BC9640)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC9640
RGB	188, 150, 64
RGB Percent	74%, 59%, 25%
CMY	0.2627, 0.4118, 0.7490
CMYK	0.00, 0.20, 0.66, 0.26
HSL	42°, 49%, 49%
HSV	42°, 66%, 74%
XYZ	32.5708, 32.8742, 9.4792
YIQ	151.5580, 50.2540, -18.6900

# Conversions

## Conversions Part 2

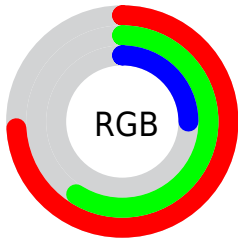
Format	Color
<a href="#">RYB</a>	<a href="#">119, 188, 64</a>
Decimal	<a href="#">12359232</a>
CIELab	<a href="#">64.06, 4.81, 49.39</a>
CIElCh	<a href="#">64, 49.626, 84.438</a>
Yxy	<a href="#">32.8742, 0.4347, 0.4388</a>
Android (android.graphics.Color)	<a href="#">4290549312 (0xFFBC9640)</a>
YUV	<a href="#">151.5580, -43.1661, 31.9596</a>
Hunter-Lab	<a href="#">57.3360, 1.0621, 30.3330</a>

# Details

The Hex color **BC9640** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **4066BC**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **F7CC73**, and **836408** is the 20% darker color. If you saturate the color by 10%, you get **BC902D**, and if you desaturate by 10%, it is **BC9C53**.

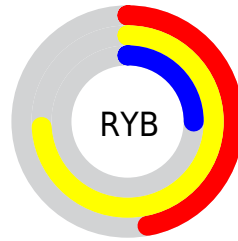
# Distribution



Red (74%)

Green (59%)

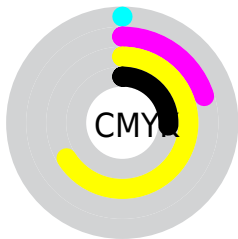
Blue (25%)



Red (47%)

Yellow (74%)

Blue (25%)

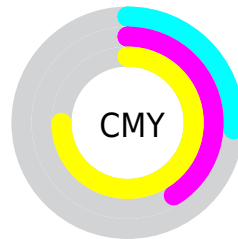


Cyan (0%)

Magenta (20%)

Yellow (66%)

Black (26%)



Cyan (26%)

Magenta (41%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC9640 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 BC9640 by changing the saturation by 10% instead.



 BC9640

 BC9640

FFFFFF

 9F7C26

 F7CC73

 836408

 FFE88E

 684C00

 FFFFA9

 4D3500

 FFFFC5

 332000

 FFFFEE

 1B0A00

FFFFFFE

 000000

 BC9640

 BC9640

 BC902D

 BC9C53

 BC8A1A

 BCA266

 BC8508

 BCA778

 BC8200

 BCAD8B

 BCB39E

 BCB9B1

 BCBEC4

 BCC4D6

 BCCAE9

# Harmonies

## Analogous

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



DD8654



BC9640



91A447

# Triad

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



BC9640



00B1BE



CA81CF

# Complementary

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



BC9640



4066BC

# 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.



9193EC



BC9640



00ADE2

# Square

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



BC9640



00B191



25A2F3



E876A5

# Rectangle

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



BC9640



6FAA59



25A2F3



BA87DB



# Sweetspot

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



BC9640



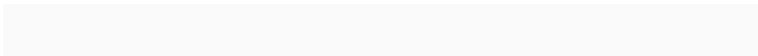
F5E6C4



BC4067



7A715D



FAFAFA



7A7A7A



# Same Dimension

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



BC9640



F5BA33



A5BC40



5E5B55



9E6E00



1F1500



# Inverse Universe

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



4066BC



336FF5



5740BC



55585E



00309E



00091F



# Previews

## White Background



This preview shows how the Hex color BC9640 looks on a white background.

## Color Contrast Check

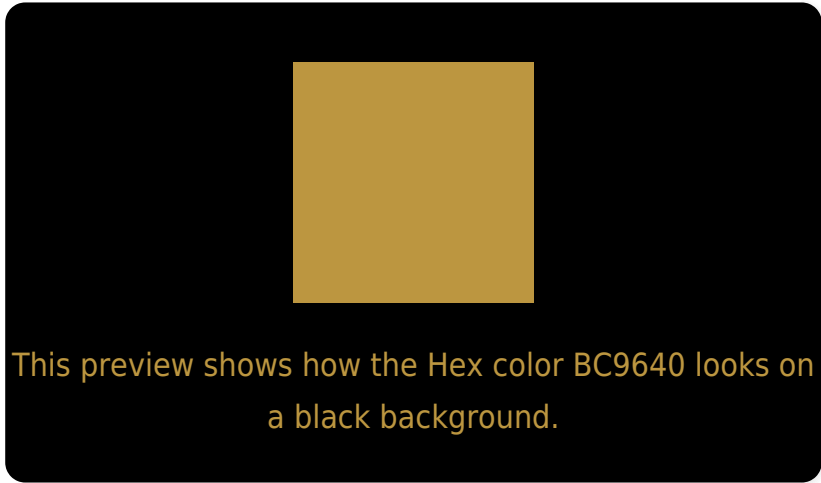
Large Text (above 18pt) WCAG AA × Fail

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 BC9640 Background



This preview shows how black text looks on a background with the Hex color BC9640.



This preview shows how white text looks on a background with the Hex color BC9640.

# 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**  
BC9640

**Protanopia**  
AD9C42

**Deuteranopia**  
C19441

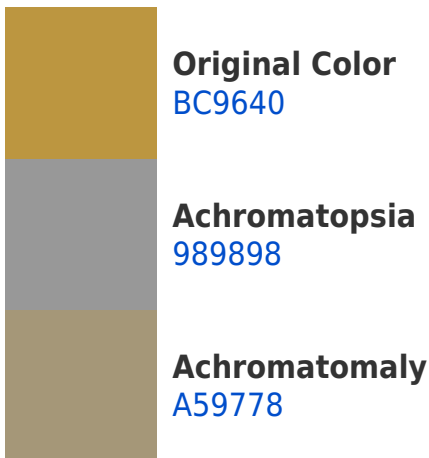


**Tritanopia**  
C38D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC9640 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 #BC9640 looks like.

```
.text, #text, p{  
    color:#BC9640  
}
```

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 #BC9640 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC9640
}
```

## Border

The CSS property to change the border of an element to Hex BC9640 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
#BC9640 }
```

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

```
.border{ border-color:#BC9640 }
```

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

Here you see how a box with a 4 pixel #BC9640 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC9640; -webkit-box-shadow:4px 4px  
4px 4px #BC9640; box-shadow:4px 4px 4px  
4px #BC9640 }
```

# Background

The CSS property to change the background color of an element to Hex BC9640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC9640 }
```

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

```
.background{ background-color:#BC9640 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor