

# Converting Colors

Hex(BCA704)

Have a look what the booklet for  
Hex(BCA704) contains.

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**Color**

**Hex(BCA704)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCA704
RGB	188, 167, 4
RGB Percent	74%, 65%, 2%
CMY	0.2627, 0.3451, 0.9843
CMYK	0.00, 0.11, 0.98, 0.26
HSL	53°, 96%, 38%
HSV	53°, 98%, 74%
XYZ	34.5797, 38.3376, 5.6922
YIQ	154.6970, 64.8390, -46.2410

# Conversions

## Conversions Part 2

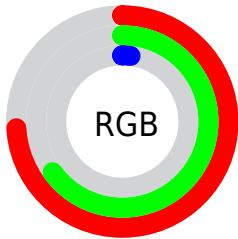
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">28, 188, 4</a>
Decimal	<a href="#">12363524</a>
CIELab	<a href="#">68.27, -6.29, 70.51</a>
CIELCh	<a href="#">68, 70.787, 95.094</a>
Yxy	<a href="#">38.3376, 0.4399, 0.4877</a>
Android (android.graphics.Color)	<a href="#">4290553604 (0xFFBCA704)</a>
YUV	<a href="#">154.6970, -74.2936, 29.2067</a>
Hunter-Lab	<a href="#">61.9173, -8.6664, 37.8915</a>

# Details

The Hex color **BCA704** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0419BC**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **F8DE4E**, and **827400** is the 20% darker color. If you saturate the color by 10%, you get **BCA700**, and if you desaturate by 10%, it is **BCA917**.

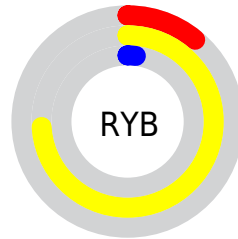
# Distribution



Red (74%)

Green (65%)

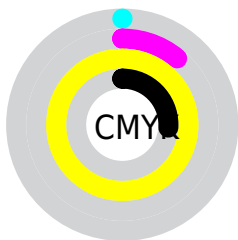
Blue (2%)



Red (11%)

Yellow (74%)

Blue (2%)

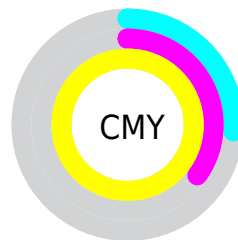


Cyan (0%)

Magenta (11%)

Yellow (98%)

Black (26%)



Cyan (26%)

Magenta (35%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCA704 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 BCA704 by changing the saturation by 10% instead.



 BCA704

 BCA704

FFFFFF

 9F8D00

 F8DE4E

 827400

 FFFA6A

 665B00

 FFFF86

 4A4400

 FFFFA2

 302E00

 FFFFBF

 181A00

 FFFFDC

 000000

 FFFFFA

 BCA704

 BCA704

■ BCA700

■ BCA917

■ BCAB2A

■ BCAD3C

■ BCB04F

■ BCB262

■ BCB475

■ BCB688

■ BCB89A

■ BCBAAD

# Harmonies

## Analogous

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



F08F2B



BCA704



79B732

# Triad

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



BCA704



00C3EF



FC74DE

# Complementary

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



BCA704



0419BC

# 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.



B690FF



BCA704



00BBFF

# Square

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



BCA704



00C4B0



00AAFF



FF669E

# Rectangle

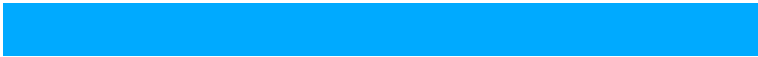
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BCA704



33BE59



00A AFF



E97DF1



# Sweetspot

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



BCA704



F5EDAE



BC0419



7A7650



FAFAFA



7A7A7A



# Same Dimension

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



BCA704



F5D900



75BC04



5E5D55



9E8C00



1F1B00



# Inverse Universe

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



0419BC



001CF5



4B04BC



55565E



00129E

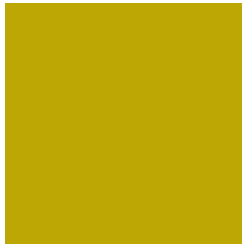


00031F



# Previews

## White Background



This preview shows how the Hex color #BCA704 looks on a white background.

## Color Contrast Check

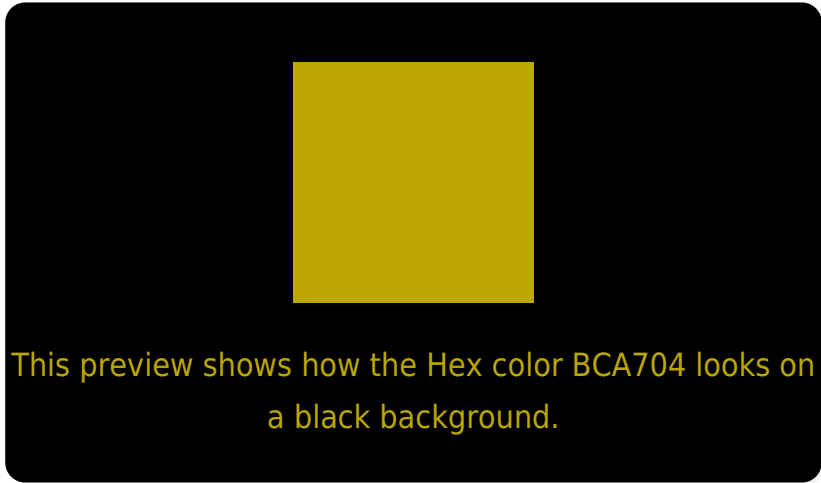
Large Text (above 18pt) WCAG AA × Fail

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 BCA704 Background



This preview shows how black text looks on a background with the Hex color BCA704.

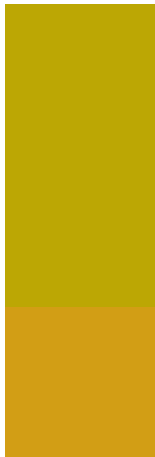


This preview shows how white text looks on a background with the Hex color BCA704.

# 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**  
BCA704

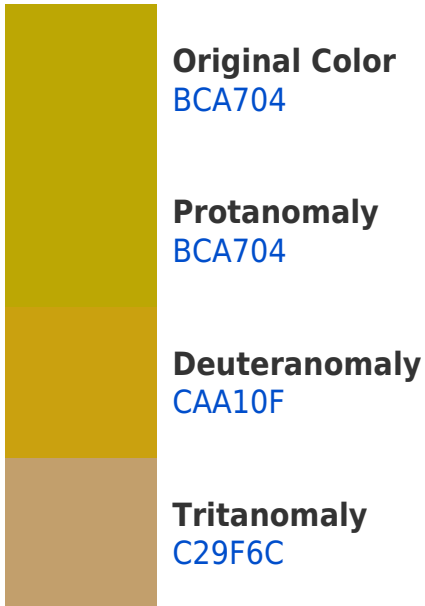
**Protanopia**  
BCA704

**Deuteranopia**  
D29E15



**Tritanopia**  
C69BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCA704 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 #BCA704 looks like.

```
.text, #text, p{  
    color:#BCA704  
}
```

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 #BCA704 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCA704
}
```

## Border

The CSS property to change the border of an element to Hex BCA704 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
#BCA704 }
```

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

```
.border{ border-color:#BCA704 }
```

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

Here you see how a box with a 4 pixel #BCA704 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCA704; -webkit-box-shadow:4px 4px  
4px 4px #BCA704; box-shadow:4px 4px 4px  
4px #BCA704 }
```

# Background

The CSS property to change the background color of an element to Hex BCA704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCA704 }
```

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

```
.background{ background-color:#BCA704 }
```

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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