

# Converting Colors

Hex(BA4907)

Have a look what the booklet for  
Hex(BA4907) contains.

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**Color**

**Hex(BA4907)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA4907
RGB	186, 73, 7
RGB Percent	73%, 29%, 3%
CMY	0.2706, 0.7137, 0.9725
CMYK	0.00, 0.61, 0.96, 0.27
HSL	22°, 93%, 38%
HSV	22°, 96%, 73%
XYZ	22.6706, 15.2195, 1.9438
YIQ	99.2630, 88.5340, 3.4300

# Conversions

## Conversions Part 2

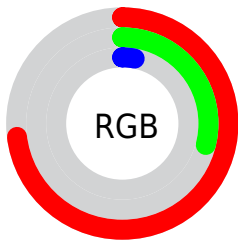
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 112, 7
Decimal	12208391
CIE <sub>Lab</sub>	45.93, 43.13, 54.51
CIE <sub>LCh</sub>	46, 69.509, 51.649
Yxy	15.2195, 0.5691, 0.3821
Android (android.graphics.Color)	4290398471 (0xFFBA4907)
YUV	99.2630, -45.4857, 76.0683
Hunter-Lab	39.0122, 35.4577, 24.3544

# Details

The Hex color **BA4907** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0778BA**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **F97D3E**, and **7D1200** is the 20% darker color. If you saturate the color by 10%, you get **BA4500**, and if you desaturate by 10%, it is **BA551A**.

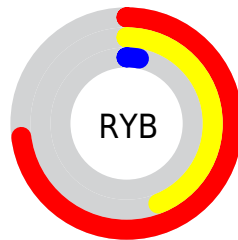
# Distribution



Red (73%)

Green (29%)

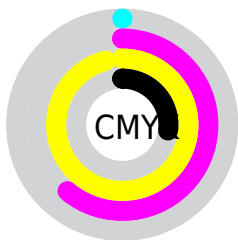
Blue (3%)



Red (73%)

Yellow (44%)

Blue (3%)

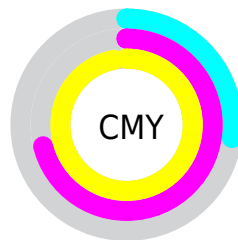


Cyan (0%)

Magenta (61%)

Yellow (96%)

Black (27%)



Cyan (27%)

Magenta (71%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA4907 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 BA4907 by changing the saturation by 10% instead.



 BA4907

 BA4907

FFFFFFC

 9B2F00

 F97D3E

 7D1200

 FF9857

 5F0000

 FFB471

 420000

 FFD08C

 270001

 FFEDA7

 000000

 FFFFC2

 FFFFDF

 BA4907

 BA4907

■ BA4500

■ BA551A

■ BA602C

■ BA6C3F

■ BA7851

■ BA8464

■ BA8F77

■ BA9B89

■ BAA79C

■ BAB3AE

# Harmonies

## Analogous

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



D02746



BA4907



926500

# Triad

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



BA4907



00855A



3A65DA

# Complementary

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



BA4907



0778BA

# 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.



0079E1



BA4907



008696

# Square

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



BA4907



00801A



0083C8



A145B6

# Rectangle

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



BA4907



707100



0083C8



006DE0



# Sweetspot

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



BA4907



F2C6AC



BA0778



7A5F50



FAFAFA



7A7A7A



# Same Dimension

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



BA4907



F25900



BAA207



5C5653



9C3900



1C0A00



# Inverse Universe

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



0778BA



0099F2



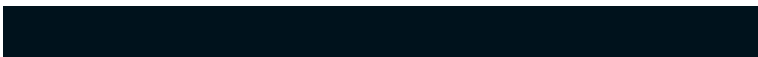
071FBA



53585C



00629C



00121C



# Previews

## White Background



This preview shows how the Hex color BA4907 looks on a white background.

## Color Contrast Check

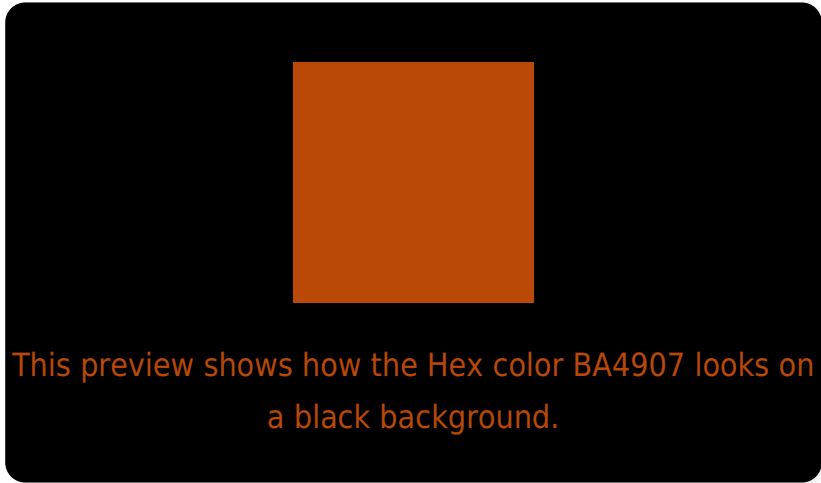
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BA4907 Background



This preview shows how black text looks on a background with the Hex color BA4907.



This preview shows how white text looks on a background with the Hex color BA4907.

# 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



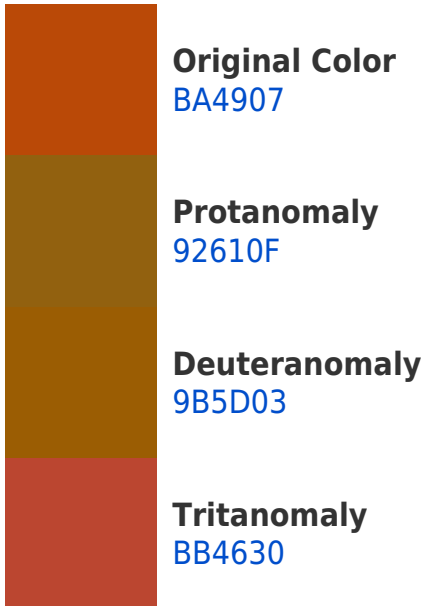
**Original Color**  
BA4907

**Protanopia**  
7B6E14

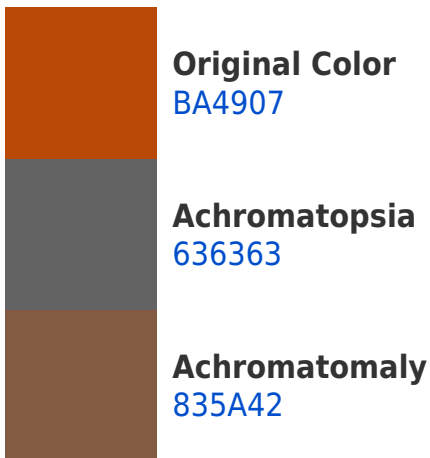
**Deuteranopia**  
8A6800



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA4907 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 #BA4907 looks like.

```
.text, #text, p{  
    color:#BA4907  
}
```

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 #BA4907 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA4907
}
```

## Border

The CSS property to change the border of an element to Hex BA4907 is called "border". The border property can be set on classes, ids or directly on the HTML element.

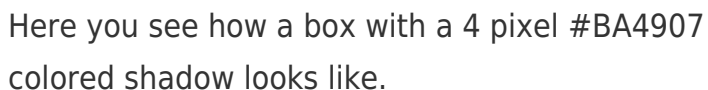
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA4907 }
```

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

```
.border{ border-color:#BA4907 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #BA4907 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA4907; -webkit-box-shadow:4px 4px  
4px 4px #BA4907; box-shadow:4px 4px 4px  
4px #BA4907 }
```

# Background

The CSS property to change the background color of an element to Hex BA4907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA4907 }
```

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

```
.background{ background-color:#BA4907 }
```

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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