

Converting Colors

Hex(B9790A)

Have a look what the booklet for
Hex(B9790A) contains.

Hex(B9790A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B9790A)

Conversions

Conversions Part 1

Format	Color
Hex	B9790A
RGB	185, 121, 10
RGB Percent	73%, 47%, 4%
CMY	0.2745, 0.5255, 0.9608
CMYK	0.00, 0.35, 0.95, 0.27
HSL	38°, 90%, 38%
HSV	38°, 95%, 73%
XYZ	26.8997, 24.0109, 3.5040
YIQ	127.4820, 73.7750, -20.9530

Conversions

Conversions Part 2

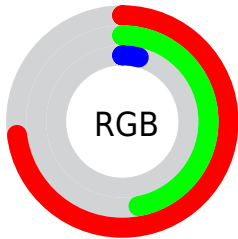
Format	Color
R_{YB}	111, 185, 10
Decimal	12155146
CIE Lab	56.10, 17.51, 60.69
CIE LCh	56, 63.167, 73.910
Yxy	24.0109, 0.4943, 0.4413
Android (android.graphics.Color)	4290345226 (0xFFB9790A)
YUV	127.4820, -57.9186, 50.4433
Hunter-Lab	49.0010, 12.2383, 30.0610

Details

The Hex color **B9790A** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0A4AB9**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **F6AD47**, and **7E4800** is the 20% darker color. If you saturate the color by 10%, you get **B97500**, and if you desaturate by 10%, it is **B9801C**.

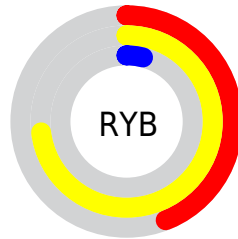
Distribution



Red (73%)

Green (47%)

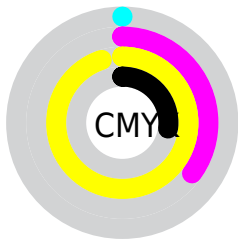
Blue (4%)



Red (44%)

Yellow (73%)

Blue (4%)

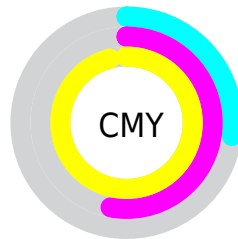


Cyan (0%)

Magenta (35%)

Yellow (95%)

Black (27%)



Cyan (27%)

Magenta (53%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9790A 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 B9790A by changing the saturation by 10% instead.

 B9790A

 B9790A

FFFFFF

 9B6000

 F6AD47

 7E4800

 FFC962

 613200

 FFE57D

 461C00

 FFFF98

 2C0700

 FFFFB4

 020000

 FFFFD0

 000000

 FFFFED

 B9790A

 B9790A

 B97500

 B9801C

 B9872F

 B98D41

 B99454

 B99B67

 B9A279

 B9A88B

 B9AF9E

 B9B6B1

Harmonies

Analogous

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



DB613C



B9790A



898C00

Triad

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



B9790A



00A09F



A96CD6

Complementary

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



B9790A



0A4AB9

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.



3F84F2



B9790A



009ED2

Square

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



B9790A



009E66



0095F0



DA54A6

Rectangle

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



B9790A



62951E



0095F0



9075E2

Sweetspot

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



B9790A



F0D7AD



B90A4A



78694F



F7F7F7



787878

Same Dimension

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



B9790A



F09800



A2B90A



5C5853



9C6300



1C1200

Inverse Universe

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



0A4AB9



0058F0



210AB9



53565C



00399C



000A1C

Previews

White Background



This preview shows how the Hex color B9790A looks on a white background.

Color Contrast Check

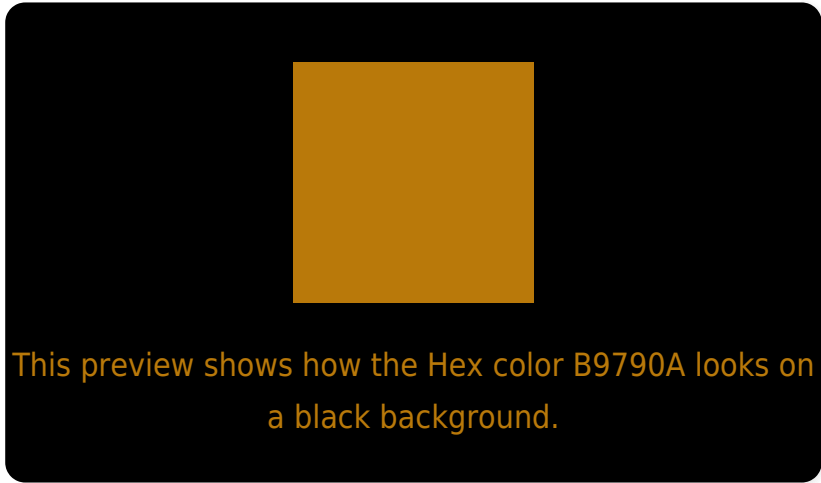
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

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

Hex B9790A Background



This preview shows how black text looks on a background with the Hex color B9790A.



This preview shows how white text looks on a background with the Hex color B9790A.

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
B9790A

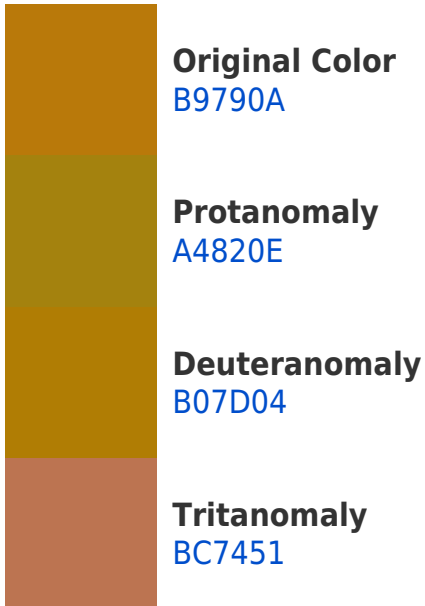
Protanopia
988710

Deuteranopia
AB8000

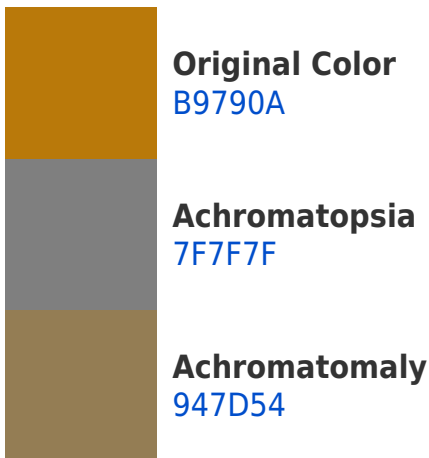


Tritanopia
BE7179

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B9790A 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 #B9790A looks like.

```
.text, #text, p{  
    color:#B9790A  
}
```

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 #B9790A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9790A
}
```

Border

The CSS property to change the border of an element to Hex B9790A 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
#B9790A }
```

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

```
.border{ border-color:#B9790A }
```

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

Here you see how a box with a 4 pixel #B9790A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9790A; -webkit-box-shadow:4px 4px  
4px 4px #B9790A; box-shadow:4px 4px 4px  
4px #B9790A }
```

Background

The CSS property to change the background color of an element to Hex B9790A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9790A }
```

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

```
.background{ background-color:#B9790A }
```

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