

# Converting Colors

Hex(BD490F)

Have a look what the booklet for  
Hex(BD490F) contains.

<b>Hex(BD490F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(BD490F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD490F
RGB	189, 73, 15
RGB Percent	74%, 29%, 6%
CMY	0.2588, 0.7137, 0.9412
CMYK	0.00, 0.61, 0.92, 0.26
HSL	20°, 85%, 40%
HSV	20°, 92%, 74%
XYZ	23.4550, 15.6184, 2.2304
YIQ	101.0720, 87.7540, 6.5540

# Conversions

## Conversions Part 2

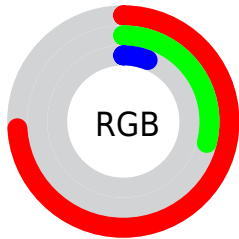
Format	Color
R <sub>Y</sub> B	189, 102, 15
Decimal	12405007
CIE Lab	46.47, 44.35, 52.98
CIE LCh	46, 69.097, 50.067
Yxy	15.6184, 0.5679, 0.3781
Android (android.graphics.Color)	4290595087 (0xFFBD490F)
YUV	101.0720, -42.4335, 77.1129
Hunter-Lab	39.5201, 36.7789, 24.3180

# Details

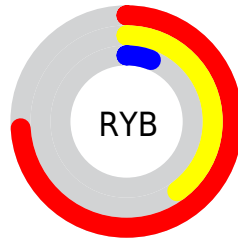
The Hex color **BD490F** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0F83BD**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FC7E43**, and **801100** is the 20% darker color. If you saturate the color by 10%, you get **BD3F00**, and if you desaturate by 10%, it is **BD5622**.

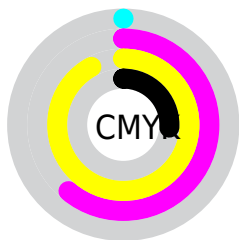
# Distribution



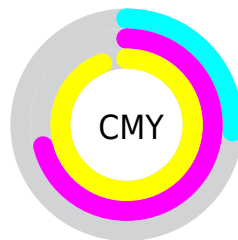
- Red (74%)
- Green (29%)
- Blue (6%)



- Red (74%)
- Yellow (40%)
- Blue (6%)



- Cyan (0%)
- Magenta (61%)
- Yellow (92%)
- Black (26%)



- Cyan (26%)
- Magenta (71%)
- Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD490F 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 BD490F by changing the saturation by 10% instead.



 BD490F

 BD490F

FFFFFF

 9E2F00

 FC7E43

 801100

 FF995C

 610000

 FFB476

 440000

 FFD090

 2A0001

 FFEDAB

 000000

 FFFFC7

 FFFF E3

 BD490F

 BD490F

 BD3F00

 BD5622

 BD6235

 BD6F48

 BD7B5B

 BD886E

 BD9580

 BDA193

 BDAEA6

 BDBAB9

# Harmonies

## Analogous

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



D1284A



BD490F



966500

# Triad

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



BD490F



008658



3167DC

# Complementary

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



BD490F



0F83BD

# 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.



007BE1



BD490F



008794

# Square

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



BD490F



008118



0084C7



9F49BA

# Rectangle

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



BD490F



747200



0084C7



006FE2



# Sweetspot

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



BD490F



F5C7B0



BD0F83



7A5F51



FAFAFA



7A7A7A



# Same Dimension

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



BD490F



F55200



BDA00F



5E5855



9E3500



1F0A00



# Inverse Universe

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



0F83BD



00A3F5



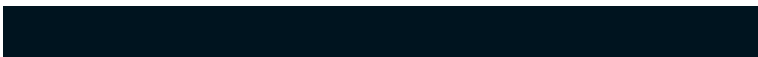
0F2CBD



555B5E



00699E



00141F



# Previews

## White Background



This preview shows how the Hex color BD490F looks on a white background.

## Color Contrast Check

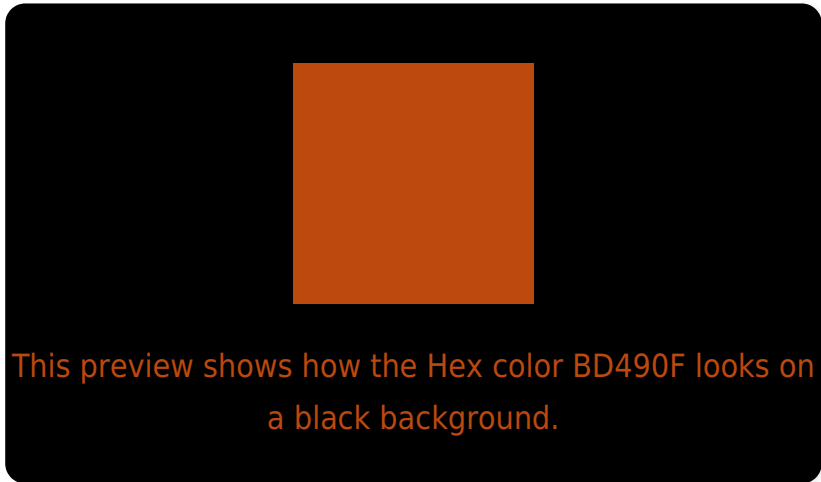
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD490F Background



This preview shows how black text looks on a background with the Hex color BD490F.



This preview shows how white text looks on a background with the Hex color BD490F.

# 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**  
BD490F

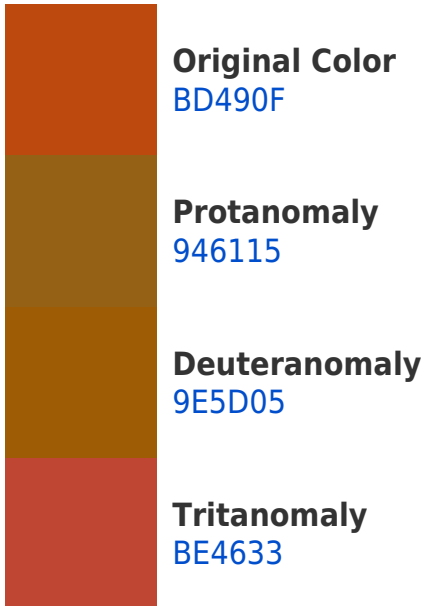
**Protanopia**  
7D6F19

**Deuteranopia**  
8C6900



**Tritanopia**  
BF4448

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD490F 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 #BD490F looks like.

```
.text, #text, p{  
    color:#BD490F  
}
```

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 #BD490F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD490F
}
```

## Border

The CSS property to change the border of an element to Hex BD490F is called "border". The border property can be set on classes, ids or directly on the HTML element.

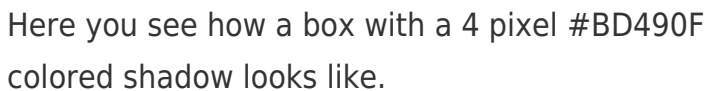
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD490F }
```

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

```
.border{ border-color:#BD490F }
```

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, offset to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #BD490F colored shadow looks like."

Here you see how a box with a 4 pixel #BD490F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD490F; -webkit-box-shadow:4px 4px  
4px 4px #BD490F; box-shadow:4px 4px 4px  
4px #BD490F }
```

# Background

The CSS property to change the background color of an element to Hex BD490F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD490F }
```

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

```
.background{ background-color:#BD490F }
```

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